

**EOG Resources, Inc.** 600 Seventeenth Street Suite 1100N Denver. CO 80202 (303) 572-9000 Fax: (303) 824-5400

June 27, 2002

Utah State Office Bureau of Land Management P.O. Box 45155 Salt Lake City, Utah 84145-0155

Attention:

Mr. Robert A. Henricks

Chief, Branch of Fluid Minerals

RE:

Designation of Agent Natural Buttes Unit Uintah County, Utah Natural Buttes Prospect

1540-AA29

#### Gentlemen:

Enclosed, for your approval, are three (3) copies of a Designation of Agent pertaining to EOG Resources, Inc.'s (EOG) proposed NBU 436-18E and NBU 507-7E wells. All copies have been originally executed on behalf of El Paso Production Oil & Gas Company.

When approved, please forward the approved Designation of Agent to my attention <u>at the</u> letterhead address (not to EOG's Vernal, Utah, office as identified on the face of this Designation of Agent).

If anything further is needed in connection with this matter, please contact the undersigned at the telephone number listed in the letterhead.

Yours very truly,

EOG RESOURCES, INC.

hu Milu

Toni Lei Miller

**Division Land Specialist** 

TLM/kse Enclosures (m:\tlm\june\blmltr.doc)

CC:

Vernal District, BLM (with copy of enclosure)

Division of Oil, Gas and Mining (with copy of enclosure)

Ed Trotter (with copy of enclosure)

Jim Schaefer, EOG - Big Piney (with copy of enclosure) George McBride, EOG - Vernal (with copy of enclosure)

El Paso Production Oil & Gas Company, Attn: Ms. Elizabeth Williams

(with copy of enclosure)

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DIVISION OF OIL, GAS AND MINING

#### **DESIGNATION OF AGENT**

Robert A. Henricks Chief, Branch of Fluid Minerals

The undersigned is, on the records of the Bureau of Land Management, Unit Operator under the Natural Buttes Unit Agreement, Uintah County, Utah, No. 14-08-00018900 approved January 5, 1968, and hereby designates:

NAME:

EOG Resources. Inc.

ADDRESS:

P.O. Box 1815 Vernal, Utah 84078

as its agent, with full authority to act in its behalf in complying with the terms of the unit agreement and regulations applicable thereto and on whom the supervisor or his representative may serve written or oral instructions in securing compliance with the Oil and Gas Operating Regulations with respect to drilling, testing, and completing the unit wells listed on the attached Exhibit "A" which are located in Uintah County, Utah.

This designation of agent does not relieve the Unit Operator of responsibility for compliance with the terms of the unit agreement. It is also understood that this designation of agent does not constitute an assignment of any interest under the unit agreement or any lease committed thereto.

The designated agent will be responsible for compliance with the Oil and Gas Operating Regulations as they relate to the drilling, testing, and completing of each of the subject wells. In accordance with 3104.2, bonding shall be provided by EOG Resources, Inc., Bond No. NM 2308.

This designation of agent is deemed to be temporary and in no manner a permanent arrangement.

This designation is given only to enable the agent herein designated to drill the above specified unit wells. Unless sooner terminated, this designation shall terminate as to each well when there is filed in the appropriate district office of the Bureau of Land Management a completed file of all required Federal reports pertaining to that well. At which time the Unit Operator shall assume all liability of that well and bonding shall be provided by the Unit Operator or as otherwise arranged by the unit agreement. It is also understood that this designation of agent is limited to field operations and does not cover administrative actions requiring specific authorization of the Unit Operator.

EL PASO PRODUCTION OIL & GAS COMPANY, Unit Operator

Ly.

Data:

APPROVED - EFFECTIVE JUL 10 200

CHIEF, BRANCH OF FLUID MINERALS
SUREAU OF LAND MANAGEMENT

NAMA

### **EXHIBIT "A"**

Attached to and made a part of that certain Designation of Agent dated 6-26-02, 2002, from El Paso Production Oil & Gas Company to EOG Resources, Inc.

WELL NAME	LOCATION_			
	DIV	SEC	TWP	RGE
				<del></del> -
NBU 436-18E	NESE	18	108	21E
NBU 507-7E	SESW	7	10S	21E

Township and Range references are South and East of the Salt Lake Meridian in Uintah County, Utah.

# EOG Resources, Inc. P.O. Box 250 Big Piney, WY 83113

August 27, 2002

Utah Division of Oil, Gas, & Mining 1594 West North Temple, Suite 1210 P.O. Box 145801 Salt Lake City, UT 84114-5801

RE: APPLICATION FOR PERMIT TO DRILL NATURAL BUTTES UNIT 436-18E NE/SE, SEC. 18, T10S, R21E UINTAH COUNTY, UTAH LEASE NO.: U-02270-A UTAH STATE LANDS

Enclosed please find a copy of the Application for Permit to Drill and associated attachments for the referenced well.

Please address further communication regarding this matter (including approval) to:

Ed Trotter P.O. Box 1910 Vernal, UT 84078 Phone: (435)789-4120 Fax: (435)789-1420

Sincerely,

Agent

EOG Resources, Inc.

Attachments

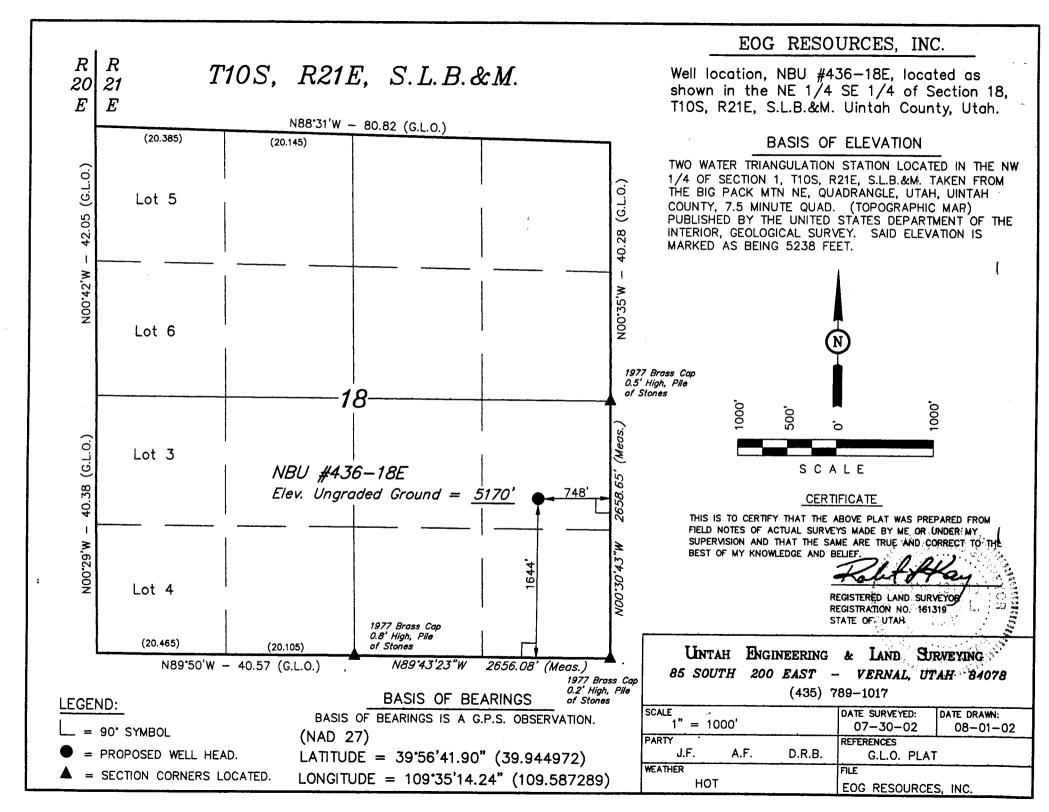
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DIVISION OF OIL, GAS AND MINING

# **UNITED STATES**

(July 1992)	DEDADTME	NT OF THE IN	TEDIAD	OMB NO. 1004-013
01		DEPARTMENT OF THE INTERIOR  BUREAU OF LAND MANAGEMENT  5. Lease designation and serial number  U-02270-A		1
	APPLICATION FOR PERMIT TO DRILL OR DEEPEN			6. If Indian, Allottee or Tribe name
la. TYPE OF WORL	K	*	LO ON DELLET	
DRILL	<b>☑</b> DEF	CPEN 🗆		7. Unit Agreement Name
b. TYPE OF WELL	=	0. 1		NATURAL BUTTES UNIT
Oil Well	Gas Well  Other	Single Zone [	☐ Multiple ☐	8. Farm or lease name, well no.
2. Name of Operator				9. API Well No.
	RESOURCES, INC.		-	NBU 436-18E
3. Address and Telep P.O. B	<b>OX 1815, VERNA</b>	L, UT 84078 (43	5)789-0790	10. Field and pool, or wildcat WASATCH
4. Location of Well At surface	(Report location clearly and i	n accordance with any Sta		11. Sec., T., R., M., or BLK. and survey or area
1644'	FSL & 748' FEL 67	12397 YNE/SE	39,94499	SEC. 18, T10S, R21E
			-109.58730	
	s and direction from nearest to		TY	12. County or parish 13. State
	ES SOUTHEAST C		.H of acres in lease	UINTAH UTAH
15. Distance from pr location to near			.67	17. No. of acres assigned to this well
property or lease	ine, it.	, 21	.07	
18. Distance from pr	rig. Unit line, if any) oposed location	19. Prop	osed depth	20. Rotary or cable tools
to nearest well, d	rilling, completed,	1 -	200'	ROTARY
or applied for, or 21. Elevations (show	this lease, it. whether DF, RT, GR, etc.)			22. Approx. date work will start
	ET GRADED GRO	UND		UPON APPROVAL
23.	PROI	OSED CASING AND CI		ON A PRINTING OF OFFICE AND
SIZE OF HOLE	GRADE, SIZE OF CASING 8 5/8"	G WEIGHT PER FOOT 24#	200' – 220'	QUANTITY OF CEMENT 100-150 SX CLASS "G" + 2%
10.1/2	9 5/8"	32.30#	200 – 220'	CaCl2 + 1/4 #/SX CELLOFLAKE.
or 12 7/4 7 7/8"	4 1/2"	10.50#	6200'	50/50 POXMIX + 2% GEL + 10%
7 7/6	7 /2	10.50#	0200	SALT TO 400' ABOVE ALL ZONES
SEE ATTACE	HMENTS FOR:			OF INTEREST (+10% EXCESS).
SEE ATTACI	IMENTS FOR.		Ā	LIGHT CEMENT (11PPG+) +
8 POINT PLA	N		Alle	LCM TO 200' ABOVE OIL SHALE
BOP SCHEM			MILION	OR FRESH WATER INTERVALS
	SE AND OPERATI	NG PLAN	WEDENTIAL	(+ 5% EXCESS).
LOCATION I		and I LAIV	Mr. 12	(1 370 EACEDS).
LOCATION I		(./.	<i>y</i> , .	
	HIC MAPS "A", "B			ES, INC. WILL BE THE DESIGNATED
	PIPELINE—MAP			THE SUBJECT WELL LINDER
UAS SALES	FIFELINE—WAF	D	BOND #NM 230	
			DOIND #INIVI 230	
Pc: UTAH DIVI	ISION OF OIL, GAS, A	ND MINING		AUG 2 9 2002
	OF INDIAN AFFAIRS			A00 2 3 2002
				DIVISION OF
IN ABOVE SPACE	DESCRIBE PROPOSED PR	OGRAM: If proposal is to	deepen, give data on prese	nt productive zone an OllopoGASWANDOM NHNO
proposal is to drill or	deepen directionally, give pe	rtinent data on subsurface	locations and measured and	true vertical depths. Give blowout preventer program, if any.
24.	X			0 11-11
SIGNED	Ed! with	TITL	E Agent	DATE 8-27-02
(This space for Ea	ederal or State office use)	W.	AND MARKETY STREET	
	,	7	ction is	
PERMIT NO	+3-047-34195	natithe andicant holds lags	APPROVAL DATE_	rights in the subject lease which would entitle the applicant to
conduct operations th	hereon.	induction in inclusive action	a or oquitable life to tilose.	
CONDITIONS OF	LPPROVAL, AF ANY O		Miller are:	



#### **EIGHT POINT PLAN**

# NATURAL BUTTES UNIT 436-18E NE/SE, SEC. 18, T10S, R21E, S.L.B.&M. UINTAH COUNTY, UTAH

#### 1. & 2. ESTIMATED TOPS & ANTICIPATED OIL, GAS, & WATER ZONES:

FORMATION	DEPTH	TYPE ZONES	MAXIMUM PRESSURE
Green River FM	1207		
"M" Marker	4139		
Wasatch	4455	GAS	
Chapita Wells	5195	GAS	
Buck Canyon	5835	GAS	
EST. TD: 6200'		Anticipated BHP 2	2700 PSI

3. PRESSURE CONTROL EQUIPMENT: BOP Schematic Diagram attached.

#### 4. CASING PROGRAM:

							MINIM	UM SAFET	TY FACTOR
<b>HOLE SIZE</b>	<b>INTERVAL</b>	<b>LENGTH</b>	SIZE	<b>WEIGHT</b>	<b>GRADE</b>	THREAD	COLLAI	PSE BURST	TENSILE
11	0' - 220'	200' - 220'	8 5/8	24.0 #	J-55	ST&C	1370 PSI	2950 PSI	263,000#
or									
12 1/4	0' - 220'	200' - 220'	9 5/8	32.3 #	H-40	ST&C	1370 PSI	2270 PSI	254,000#
7 7/8	0' - 6200'	6200'	4 1/2	10.5 #	J-55	ST&C	4010 PSI	4790 PSI	146,000#

If conductor drive pipe is used, it will be left in place if its total length is less than 20 feet below the surface. If the total length of the drive pipe is equal to or greater than 20 feet, it will be pulled prior to cementing surface casing, or it will be cemented in place. The minimum diameter of the conductor drive pipe will be 13 3/8".

All casing will be new or inspected.

#### 5. MUD PROGRAM

INTERVAL	MUD TYPE
0' - 220'	Air
240' - 4000'	Air/Mist & Aerated Water
4000' - TD	Air/3% KCL water or KCL substitute

Lost circulation probable from 1500' to 3000'+/-.

Sufficient mud inventory will be maintained on location during drilling to handle any adverse conditions that may arise.

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.. DIVISION OF OIL, GAS AND MINING

#### **EIGHT POINT PLAN**

# NATURAL BUTTES UNIT 436-18E NE/SE, SEC. 18, T10S, R21E, S.L.B.&M. UINTAH COUNTY, UTAH

#### 6. VARIANCE REQUESTS:

- A. EOG Resources, Inc. requests a variance to regulations requiring a straight run blooie line (Where possible, a straight run blooie line will be used).
- B. EOG Resources, Inc. requests a variance to regulations requiring an automatic ignitor or continuous pilot light on the blooie line. (Not required on aerated water system).
- C. EOG Resources, Inc. requests a variance to regulations requiring the blooie line to be 100' in length. To reduce location excavation, the blooie line will be 75' in length.

#### 7. EVALUATION PROGRAM:

Logs: SCHLUMBER DIPOLE SONIC NEUTRON GR

SCHLUMBERGER GR-NEUTRON

TD to 4100'

4100' to base of surface casing

Cores: None Programmed DST: None Programmed

Completion: To be submitted at a later date.

Note: If hole conditions prevent the running of open hole logs, a cased hole Dipole Sonic/Neutron/Gr

will be run in lieu of open hole logs.

#### 8. ABNORMAL CONDITIONS:

None anticipated.

#### 9. STANDARD REQUIRED EQUIPMENT:

- A. Choke Manifold
- B. Kelly Clock
- C. Stabbing Valve
- D. Visual Mud Monitoring

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DIVISION OF OIL, GAS AND MINING

### **EIGHT POINT PLAN**

# NATURAL BUTTES UNIT 436-18E NE/SE, SEC. 18, T10S, R21E, S.L.B.&M. UINTAH COUNTY, UTAH

#### 10. HAZARDOUS CHEMICALS:

No chemicals subject to reporting under SARA title III in an amount equal to or greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling of this well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling of this well.

(Attachment: BOP Schematic Diagram)

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DIVISION OF OIL, GAS AND MINING

### **CONDITIONS OF APPROVAL** FOR THE SURFACE USE PROGRAM OF THE APPLICATION FOR PERMIT TO DRILL

Company/Operator:

EOG Resources, Inc.

Well Name & Number: Natural Buttes Unit 436-18E

Lease Number:

U-02270-A

Location:

1644' FSL & 748' FEL, NE/SE, Sec. 18,

T10S, R21E, S.L.B.&M.,

Uintah County, Utah

Surface Ownership:

STATE OF UTAH

#### **NOTIFICATION REQUIREMENTS**

Location Construction - forty-eight (48) hours prior to construction

of location and access roads.

Location Completion - prior to moving on the drilling rig.

Spud Notice:

- at least twenty-four (24) hours prior to

spudding the well.

Casing String and

Cementing

- twenty-four (24) hours prior to running

casing and cementing all casing strings.

BOP and related

**Equipment Tests** 

- twenty-four (24) hours prior to running

casing and tests.

First Production

Notice

- within five (5) business days after new

Well begins or production resumes after Well has been off production for more than

ninety (90) days.

For more specific details on notification requirements, please check the Conditions of Approval for Notice to Drill and Surface Use Program.

#### THIRTEEN POINT SURFACE USE PROGRAM

#### 1. EXISTING ROADS

- A. See attached Wellsite Plats showing directional reference stakes on location, and attached TOPO Map "B" showing access to location from existing roads.
- B. The proposed well site is located approximately 14.42 miles southeast of Ouray, Utah See attached TOPO Map "A".
- C. Refer to attached Topographic Map "A" showing labeled access route to location.
- D. Existing roads will be maintained and repaired as necessary. No off lease Right-of-Way will be required.

#### 2. PLANNED ACCESS ROAD

- A. The access road will be approximately 125 feet in length. See attached TOPO Map "B".
- B. The access road has a 30 foot ROW w/ 18 foot running surface.
- C. Maximum grade on access road will be 8%.
- D. No turnouts will be required.
- E. Road drainage crossings shall be of the typical dry creek drainage crossing type.
- F. No culverts, bridges, or major cuts and fills will be required.
- G. The access road will be dirt surface.
- H. No gates, cattleguards, or fences will be required or encountered.

New or reconstructed roads will be centerlined - flagged at time of location staking.

All travel will be confined to existing access road Right-of-Way. Access roads and surface disturbing activities will conform to standards outlined in the Bureau of Land Management and Forest Service Publication: <u>Surface Operating</u>
Standards For Oil & Gas Exploration and Development, (1989).

The road shall be upgraded to meet the standards of the anticipated traffic flow and all-weather road requirements. Upgrading shall include ditching, drainage, graveling, crowning, and capping the roadbed as necessary to provide a well-constructed safe road. Prior to upgrading, the road shall be cleared of any snow cover and allowed to dry completely. Traveling off the 30 foot Right-of-Way will not be allowed.

Road drainage crossings shall be of the typical dry creek drainage crossing type. Crossings shall be designed so they will not cause siltation or accumulation of debris in the drainage crossings nor shall the drainages be blocked by the roadbed. Diverting water off at frequent intervals by means of cutouts shall prevent erosion of drainage ditches by

run off water. Upgrading shall not be allowed during muddy conditions. Should mud holes develop, they shall be filled in and detours around them avoided. As operator, EOG Resources, Inc. shall be responsible for all maintenance on cattleguards, or gates associated with this oil and/or gas operation.

# 3. <u>LOCATION OF EXISTING WELLS WITHIN A ONE MILE RADIUS OF PROPOSED WELL LOCATION</u>

- A. Abandoned wells 4\*
- B. Producing wells 2\*
- C. Shut in wells -1\*

(\*See attached TOPO map "C" for location)

# 4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES

#### A. ON WELL PAD

- 1. Production facilities will be set on location if the well is successfully completed for production. Facilities will consist of well head valves, separator, dehy, 210 Bbl condensate tank, meter house and attaching piping. See attached facility diagram.
- 2. Gas gathering lines A 3" gathering line will be buried from dehy to the edge of the location.

#### B. OFF WELL PAD

- 1. Proposed location of attendant off pad flowlines shall be flagged prior to archaeological clearance.
- 2. A 3" OD steel above ground natural gas pipeline will be laid approximately 'from proposed location to a point in the NE/SE of Section 18, T10S, R21E, where it will tie into Questar Pipeline Co.'s existing line. Proposed pipeline crosses State of Utah administered lands within the Natural Buttes Unit, thus a Right-of -Way grant will be not be required.
- 3. Proposed pipeline will be a 3" OD steel, welded line laid on the surface.
- 4. Protective measures and devices for livestock and wildlife will be taken and/or installed where required.

If storage facilities/tank batteries are constructed on this lease, the facility/battery or the well pad shall be surrounded by a containment dike of sufficient capacity to contain, at a minimum, the entire contents of the largest tank within the facility/battery, unless more stringent protective requirements are deemed necessary by the authorized officer.

The production facilities will be placed on the North side of the location.

#### 5. LOCATION & TYPE OF WATER SUPPLY

- A. Water supply will be from the Ouray Municipal Water Plant at Ouray, Utah, and/or Target Trucking Inc.'s water source in the SW/SW, Section 35, T9S, R22E, Uintah County, Utah (State Water Right #49-1501). Produced water from the Chapita Wells and Stagecoach Units will also be used.
- B. Water will be hauled by a licensed trucking company.
- C. No water well will be drilled on lease.

#### 6. SOURCE OF CONSTRUCTION MATERIAL

- A. All construction material for this location and access road will be of native borrow and soil accumulated during the construction of the location.
- B. No mineral materials will be required.

#### 7. METHODS OF HANDLING WASTE DISPOSAL

#### A. METHODS AND LOCATION

- 1. Cuttings will be confined in the reserve pit.
- 2. A portable toilet will be provided for human waste during the drilling and completion of the well. Disposal will be at the Vernal sewage disposal plant.
- 3. Burning will not be allowed. Trash and other waste material will be contained in a wire mesh cage and disposed of at the Uintah County landfill.
- 4. Produced wastewater will be confined to a lined pit or storage tank for a period not to exceed 90 days after initial production. After the 90 day period, the produced water will be contained in a tank on location and then disposed of at one of the following three locations: Natural Buttes Unit 21-20B SWD, Ace Disposal, or EOG Resources, Inc. drilling operations (Chapita Wells Unit, Natural Buttes Unit & Stagecoach Unit).
- 5. All chemicals will be disposed of at an authorized disposal site. Drip pans and absorbent pads will be used on the drilling rig to avoid leakage of oil to the pit.
- B. Water from drilling fluids and recovered during testing operations will be disposed of by either evaporating in the reserve pit or be removed and disposed of at an authorized disposal site. Introduction of well bore hydrocarbons to the reserve pit will be avoided by flaring them off in the flare pit at the time of recovery.

The reserve pit will be constructed so as not to leak, break, or allow discharge.

The reserve pit shall not be lined.

#### 8. ANCILLARY FACILITIES

A. No airstrips or camps are planned for this well.

#### 9. WELLSITE LAYOUT

- A. Refer to attached well site plat for related topography cuts and fills and cross sections.
- B. Refer to attached well site plat for rig layout and soil material stockpile location as approved on On-site.
- C. Refer to attached well site plat for rig orientation, parking areas, and access road.

The reserve pit will be located on the Southwest corner of the location. The flare pit will be located downwind of the prevailing wind direction on the West side of the location, a minimum of 100 feet from the well head . and 30 feet from the reserve pit fence.

The stockpiled topsoil will be stored on the South side, around and between Corner #3 and the access road.

Access to the well pad will be from the South.

Corners #6 & #8 will be rounded off to minimize excavation.

#### **FENCING REQUIREMENTS:**

All pits will be fenced according to the following minimum standards:

- A. Thirty-nine inch net wire shall be used with at least one strand of barbed wire on top of the net wire. (Barbed wire is not necessary if pipe or some type of reinforcement rod is attached to the top of the entire fence).
- B. The net wire shall be no more than 2 inches above the ground. The barbed wire strand shall be 3 inches above the net wire. Total height of the fence shall be at least 42 inches.
- C. Corner posts shall be cemented and/or braced in such a manner as to keep the fence tight at all times.
- D. Standard steel, wood, or pipe posts shall be used between the corner braces. Maximum distance between any two posts shall be no greater than 16 feet.
- E. All wire shall be stretched by using a stretching device before it is attached to the corner posts.

The reserve pit fencing will be on the three sides during drilling operations and on the fourth side when the rig moves off the location. Pits will be fenced and maintained until clean-up.

#### 10. PLANS FOR RESTORATION OF SURFACE

#### A. PRODUCING LOCATION

Immediately upon well completion, the location and surrounding area will be cleared of all unused tubing, equipment, debris, materials, trash, and junk not required for production.

Immediately upon well completion, any hydrocarbons on the pit shall be removed in accordance with CFR 3162.7-1.

If a plastic nylon reinforced liner is used, it shall be torn and perforated before backfilling of the reserve pit.

#### 11. SURFACE OWNERSHIP

Access road: State of Utah Location: State of Utah

#### 12. OTHER INFORMATION

- A. EOG Resources, Inc. will inform all persons in the area who are associated with this project that they are subject to prosecution for knowingly disturbing historic or archaeological sites, or for collecting artifacts. If historic or archaeological materials are uncovered during construction, the operator will immediately stop work that might further disturb such materials, and contact the AO. Within five working days the AO will inform the operator as to:
  - -whether the materials appear eligible for the National Register of Historic Places;
  - -the mitigation measures the operator will likely have to undertake before the site can be used.
  - -a time frame for the AO to complete an expedited review under 36 CFR 800.11 to confirm, through the State Historic Preservation Officer, that the findings of the AO are correct and that mitigation is appropriate.

If the operator wished, at any time, to relocate activities to avoid the expense of mitigation and/or the delays associated with this process, the AO will assume responsibility for whatever recordation and stabilization of the exposed materials that may be required. Otherwise, the operator will be responsible for mitigation costs. The AO will provide technical and procedural guidelines for the conduct of mitigation. Upon verification from the AO that required mitigation has been completed, the operator will then be allowed to resume construction.

#### **Additional Surface Stipulations**

None-

#### LESSEE'S OR OPERATOR'S REPRESENTATIVE AND CERTIFICATION

OPERATIO	PERMITTING	
EOG Resources, Inc.	EOG Resources, Inc.	Ed Trotter
P.O. Box 250	P.O. Box 1815	P.O. Box 1910
Big Piney, WY 83113	Vernal, UT 84078	Vernal, UT 84078
Jim Schaefer	George McBride	Telephone: (435)789-4120
Telephone (307)276-3331	Telephone (435)789-0790	Fax: (435)789-1420

All lease or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil and Gas Orders, the approval plan of operations, and any applicable Notice to Lessees. EOG Resources, Inc. is fully responsible for the actions of their subcontractors. A copy of these conditions will be furnished to the field representative to insure compliance.

#### Certification

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions that presently exist; that the statements made in the Plan are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by EOG Resources, Inc. and its contractors and subcontractors in conformity with this Plan and the terms and conditions under which it is approved.

8-27-02

Date

Agent

#### 3000 PSIG DIAGRAM

ROTATING

HEAD

ANNULAR

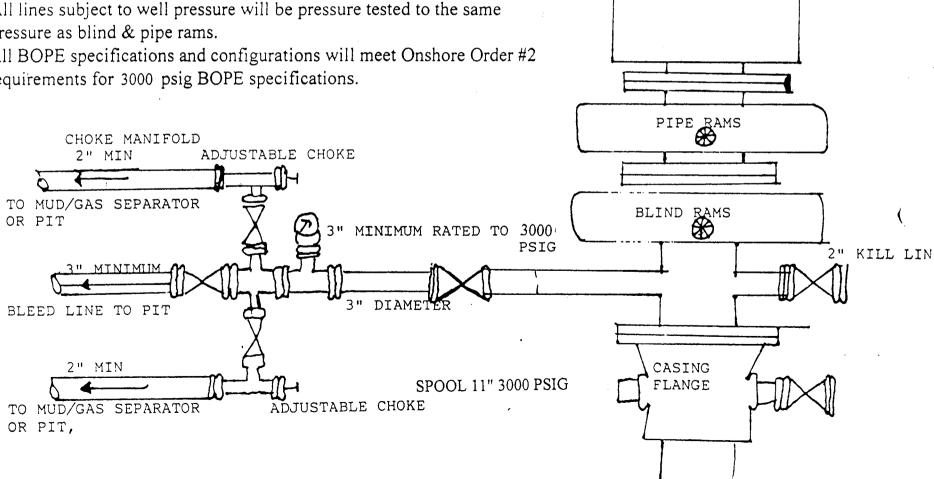
PREVENTER

FLOW LINE

ANNULAR PREVENTOR AND BOTH RAMS ARE 3000 RATED. CASING FLANGE IS 11" 3000 PSIG RATED. BOPE 11" 3000 PSIG

#### TESTING PROCEDURE:

- 1. BOPE 's will be tested with a professional tester to conform to Onshore Order #2 with retest every 14 days.
- 2. Blind & Pipe rams will be tested to rated working pressure, 3000 psig
- 3. Annular preventor will be tested to 50% of working pressure, 1500 psig
- 4. Casing will be tested to 0.22 psi/ft. or 1500 psig. Not to exceed 70% of burst strength, whichever is greater.
- 5. All lines subject to well pressure will be pressure tested to the same pressure as blind & pipe rams.
- 6. All BOPE specifications and configurations will meet Onshore Order #2 requirements for 3000 psig BOPE specifications.



# EOG RESOURCES, INC.

NBU #436-18E LOCATED IN UINTAH COUNTY, UTAH SECTION 18, T10S, R21E, S.L.B.&M.

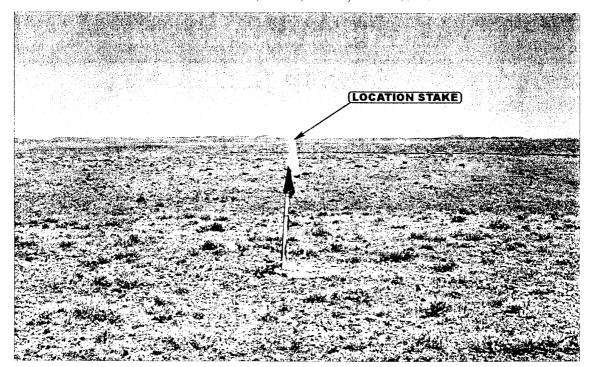


PHOTO: VIEW OF WELL LOCATION STAKE

CAMERA ANGLE: EASTERLY

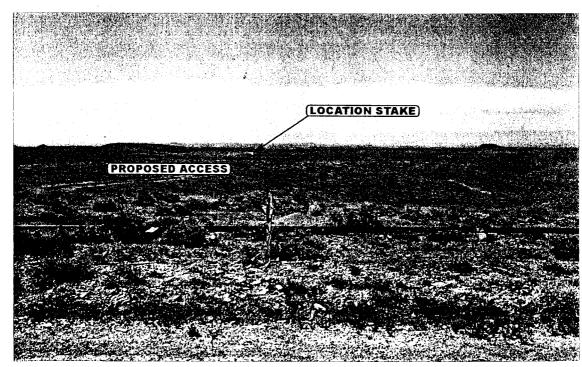


PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

CAMERA ANGLE: NORTHWESTERLY



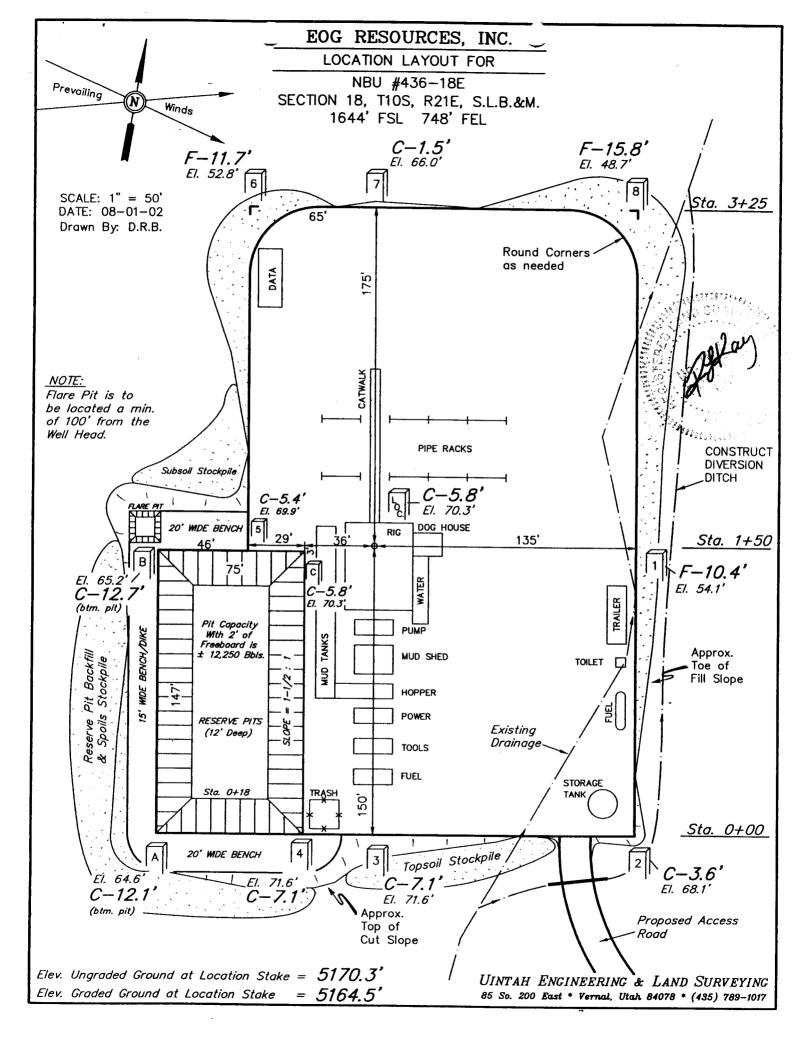
Uintah Engineering & Land Surveying

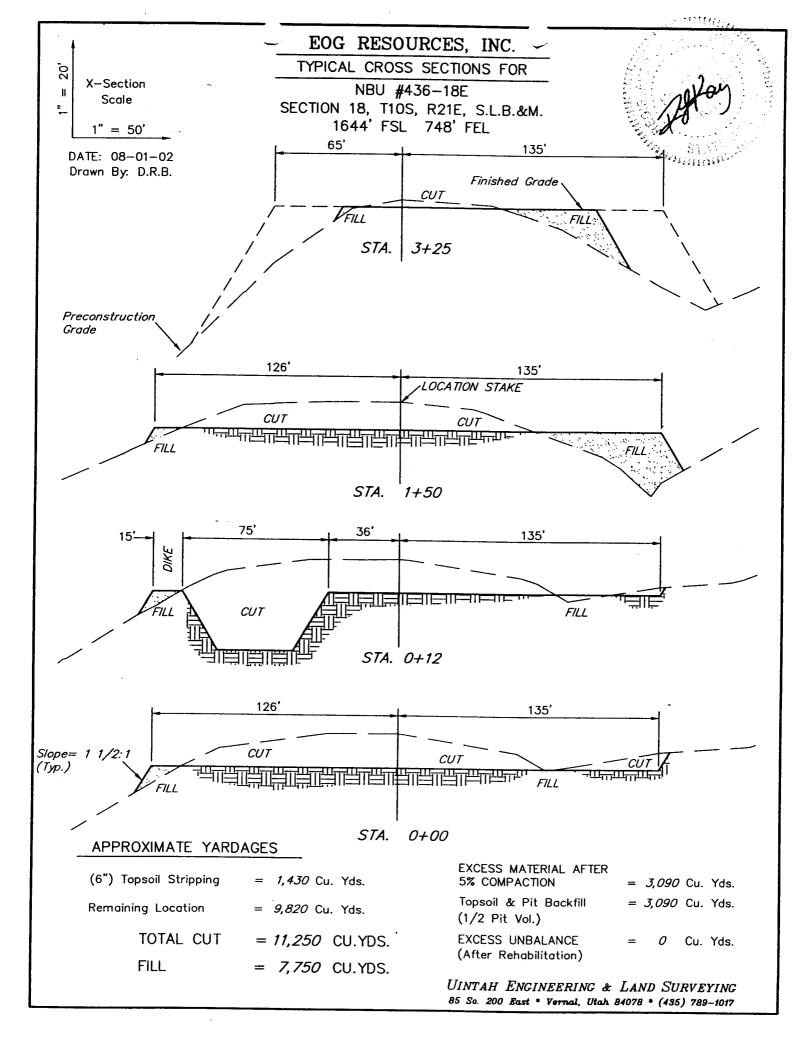
85 South 200 East Vernal, Utah 84078
435-789-1017 uels@uelsinc.com

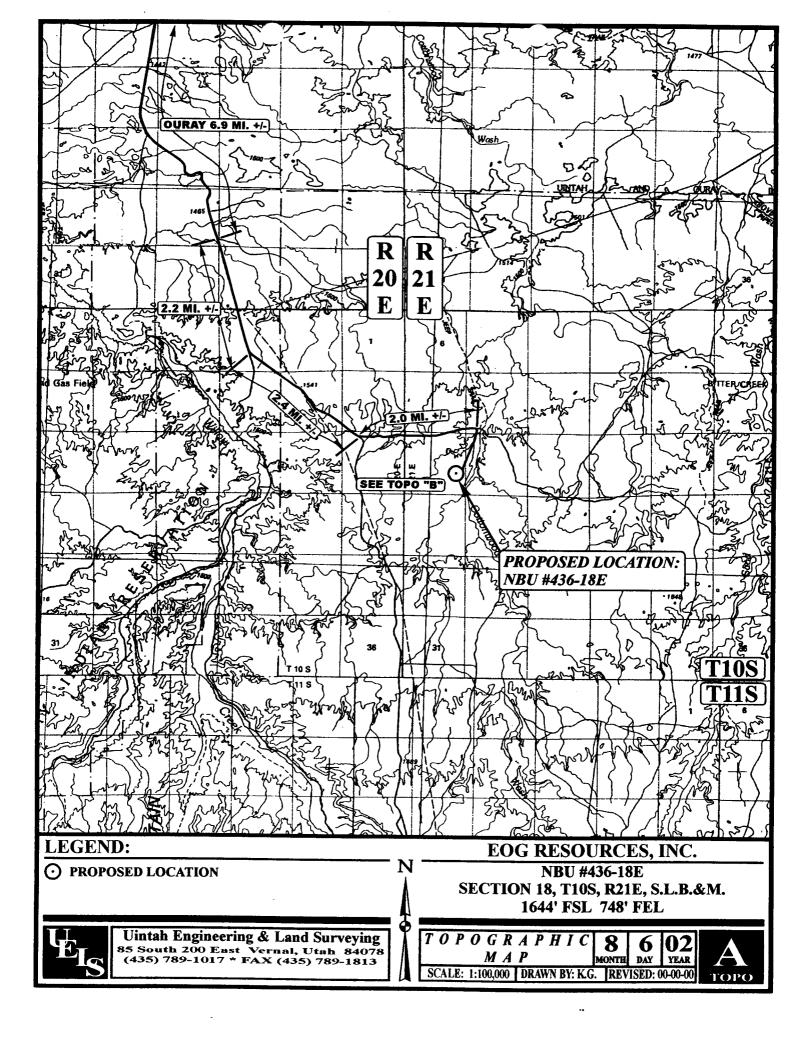
LOCATION PHOTOS 8 6 Q2

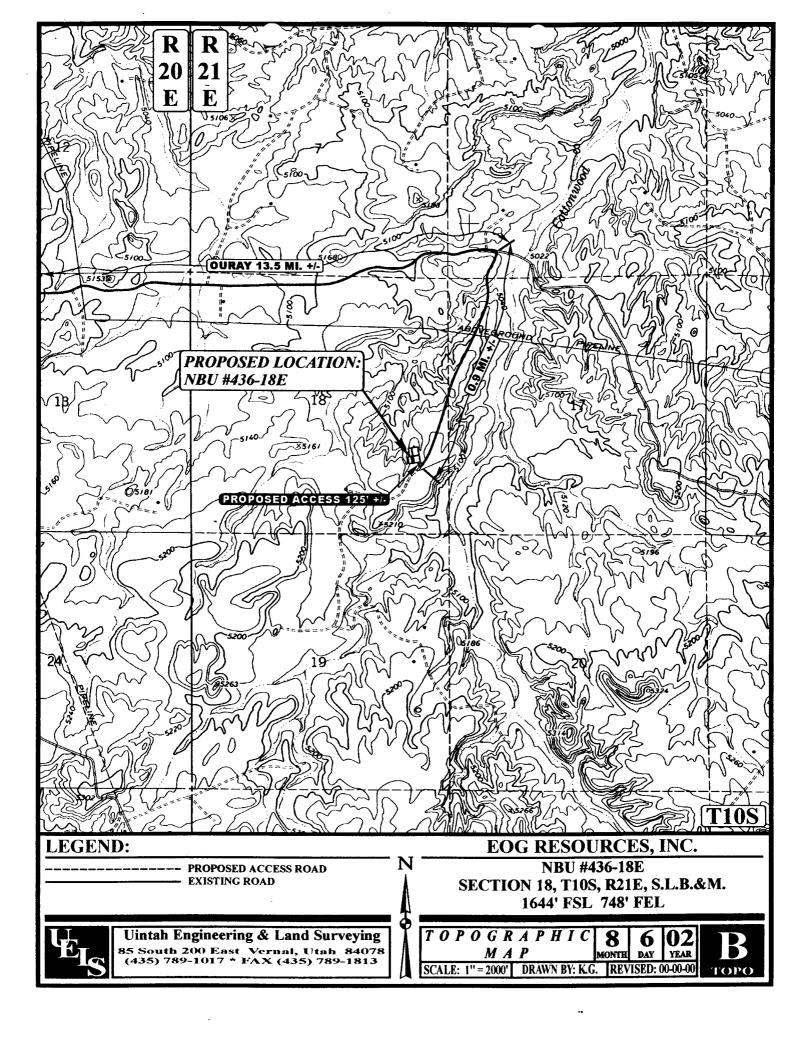
TAKEN BY J.F. | DRAWN BY K.G. | REVISED 00-00-00

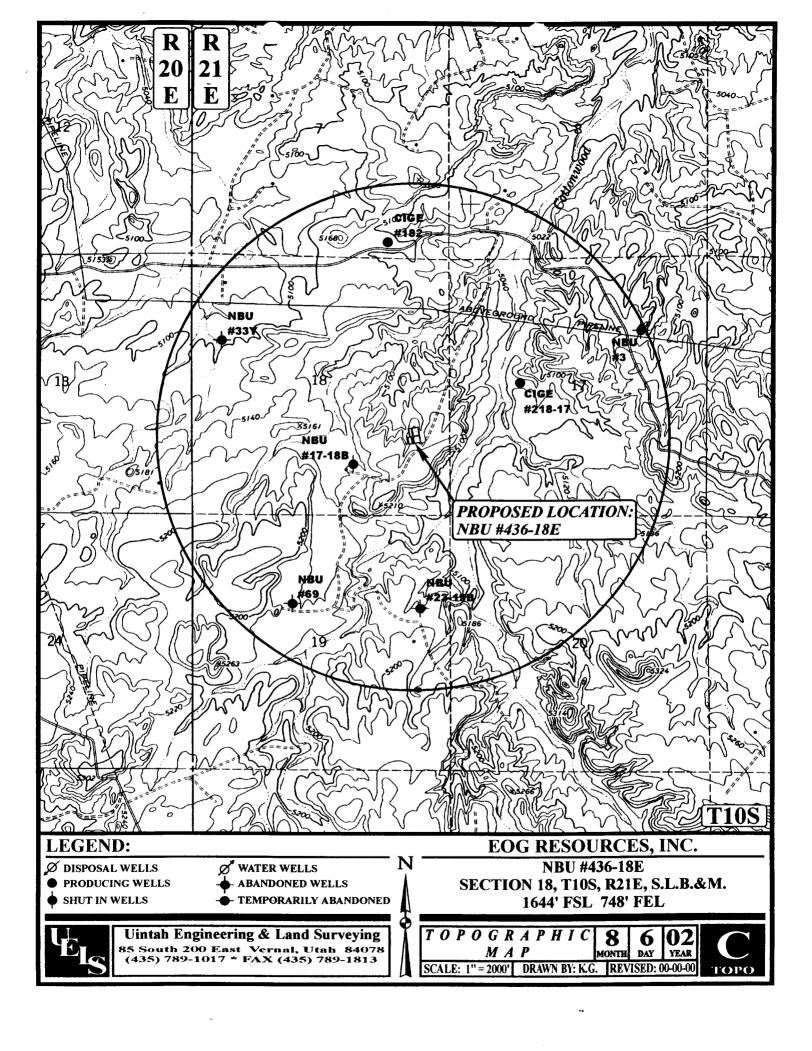
РНОТО

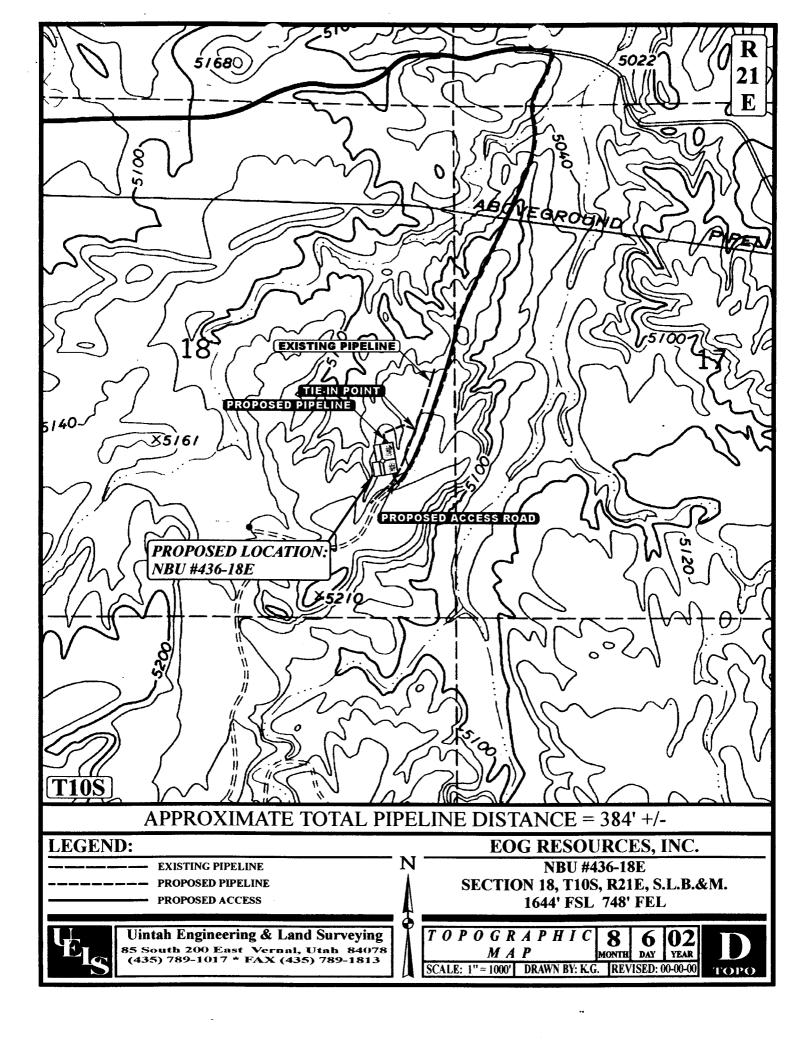






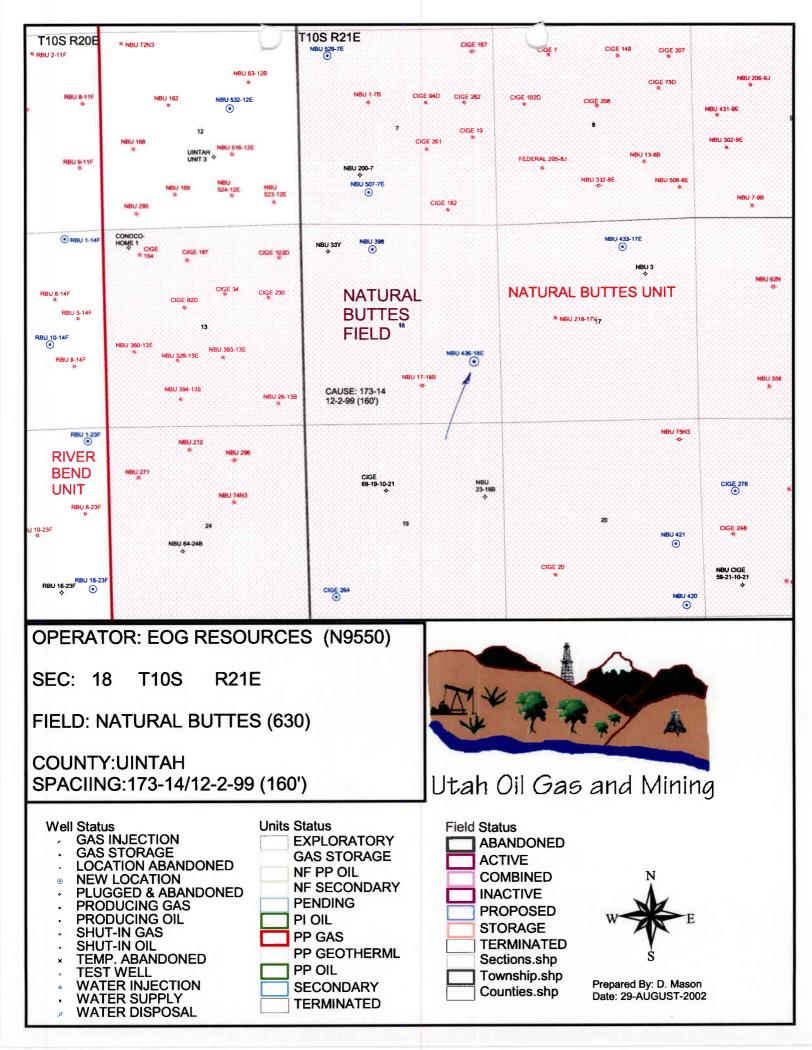






# APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 08/29/2002	API NO. ASSIGNED: 43-047-34195
WELL NAME: NBU 436-18E  OPERATOR: EOG RESOURCES INC ( N9550 )  CONTACT: ED TROTTER/AGENT  PROPOSED LOCATION:	PHONE NUMBER: 435-789-0790
NESE 18 100S 210E SURFACE: 1644 FSL 0748 FEL BOTTOM: 1644 FSL 0748 FEL UINTAH NATURAL BUTTES (630 )  LEASE TYPE: 1 - Federal LEASE NUMBER: U-02270-A	INSPECT LOCATN BY: / /  Tech Review Initials Date  Engineering  Geology  Surface
SURFACE OWNER: 3 - State  PROPOSED FORMATION: WSTC	LATITUDE: 39.94499  LONGITUDE: 109.58730
Plat Bond: Fed[1] Ind[] Sta[] Fee[] (No. NM 2308 ) Potash (Y/N) Oil Shale 190-5 (B) or 190-3 or 190-13 Water Permit (No. 49-1501 ) N RDCC Review (Y/N) (Date: )  N Fee Surf Agreement (Y/N)	LOCATION AND SITING:  R649-2-3.  Unit NATURAL BUTTES /  R649-3-2. General  Siting: 460 From Qtr/Qtr & 920' Between Wells  R649-3-3. Exception  Drilling Unit  Board Cause No: 173-14 (140')  Eff Date: 12-2-99  Siting: 4400'-17 Ln'   boundry & Uncomm. Trace  R649-3-11. Directional Drill
STIPULATIONS: I- Educal Approved 2- Die Shale	



# ON-SITE PREDRILL EVALUATION Division of Oil, Gas and Mining

OPERATOR: EOG RESOURCES INC.	
WELL NAME & NUMBER: NBU 436-18E	
API NUMBER: 43-047-34195	
LEASE: FEDERAL FIELD/UNIT: NATURAL BUTTES	
LOCATION: 1/4,1/4 NE/SE Sec: 18 TWP: 10S RNG: 21E 748 FEL 1644 FSL	
LEGAL WELL SITING: F SEC. LINE; F 1/4,1/4 LINE; F ANOTHER WE	LL.
GPS COORD (UTM): X = E; Y = N SURFACE OWNER: STATE OF UTAH	
PARTICIPANTS	

# REGIONAL/LOCAL SETTING & TOPOGRAPHY

SITE IS IN AN AREA OF LOW ROLLING HILLS AND SHALLOW DRAWS DRAINING TO THE NORTH TOWARD THE WHITE RIVER NINE MILES AWAY. THESE SHALLOW DRAWS TO THE EAST AND WEST COME TOGETHER AND FORM COTTONWOOD WASH.

DAVID W. HACKFORD (DOGM), FLOYD BARTLETT (DWR), ED TROTTER (EOG).

#### SURFACE USE PLAN

CURRENT SURFACE USE: WILDLIFE AND LIVESTOCK GRAZING, HUNTING.

PROPOSED SURFACE DISTURBANCE: LOCATION WILL BE 325' BY 206'. ACCESS ROAD WILL BE 125'.

LOCATION OF EXISTING WELLS WITHIN A 1 MILE RADIUS: <u>SEE ATTACHED MAP FROM</u> GIS DATABASE.

LOCATION OF PRODUCTION FACILITIES AND PIPELINES: ALL PRODUCTION FACALITIES WILL BE ON LOCATION AND ADDED AFTER DRILLING WELL. PIPELINE WILL FOLLOW ACCESS ROAD.

SOURCE OF CONSTRUCTION MATERIAL: <u>ALL CONSTRUCTION MATERIAL WILL BE</u> BORROWED FROM SITE DURING CONSTRUCTION OF LOCATION.

ANCILLARY FACILITIES: NONE WILL BE REQUIRED.

#### WASTE MANAGEMENT PLAN:

DRILLED CUTTINGS WILL BE SETTLED INTO RESERVE PIT. LIQUIDS FROM PIT WILL BE ALLOWED TO EVAPORATE. FORMATION WATER WILL BE CONFINED TO STORAGE TANKS. SEWAGE FACILITIES, STORAGE AND DISPOSAL WILL BE HANDLED BY COMMERCIAL CONTRACTOR. TRASH WILL BE CONTAINED IN TRASH BASKETS AND HAULED TO AN APPROVED LAND FILL

#### ENVIRONMENTAL PARAMETERS

AFFECTED FLOODPLAINS AND/OR WETLANDS: NONE

FLORA/FAUNA: <u>SALTBRUSH</u>, <u>SHADSCALE</u>, <u>PRICKLEY PEAR</u>, <u>CHEATGRASS</u>, <u>NATIVE</u> GRASSES: PRONGHORN, COYOTES, SONGBIRDS, RAPTORS, RODENTS, RABBITS.

SOIL TYPE AND CHARACTERISTICS: LIGHT BROWN SANDY CLAY WITH DARK RED BROKEN SHALE ROCKS.

EROSION/SEDIMENTATION/STABILITY: VERY LITTLE NATURAL EROSION
SEDIMENTATION AND STABILITY ARE NOT A PROBLEM AND LOCATION CONSTRUCTION
SHOULDN'T CAUSE AN INCREASE IN STABILITY OR EROSION PROBLEMS
PALEONTOLOGICAL POTENTIAL: NONE OBSERVED.
RESERVE PIT
CHARACTERISTICS: 147' BY 75' AND 12' DEEP.
LINER REQUIREMENTS (Site Ranking Form attached): A 12 MIL LINER WILL B REQUIRED FOR RESERVE PIT.
SURFACE RESTORATION/RECLAMATION PLAN
AS PER SITLA.
SURFACE AGREEMENT: AS PER SITLA.
CULTURAL RESOURCES/ARCHAEOLOGY: SITE WAS INSPECTED BY JIM TRUESDALE. A COPOST OF HIS REPORT WILL BE SUBMITTED TO THE STATE OF UTAH.
OTHER OBSERVATIONS/COMMENTS
THIS PREDRILL INVESTIGATION WAS CONDUCTED ON A COOL, CLOUDY DAY.
ATTACHMENTS
PHOTOS OF THIS SITE WERE TAKEN AND PLACED ON FILE.

9/10/02

DAVID W. HACKFORD DOGM REPRESENTATIVE

10:45 AM

DATE/TIME

#### Evaluation Ranking Criteria and Ranking Score For Reserve and Onsite Pit Liner Requirements

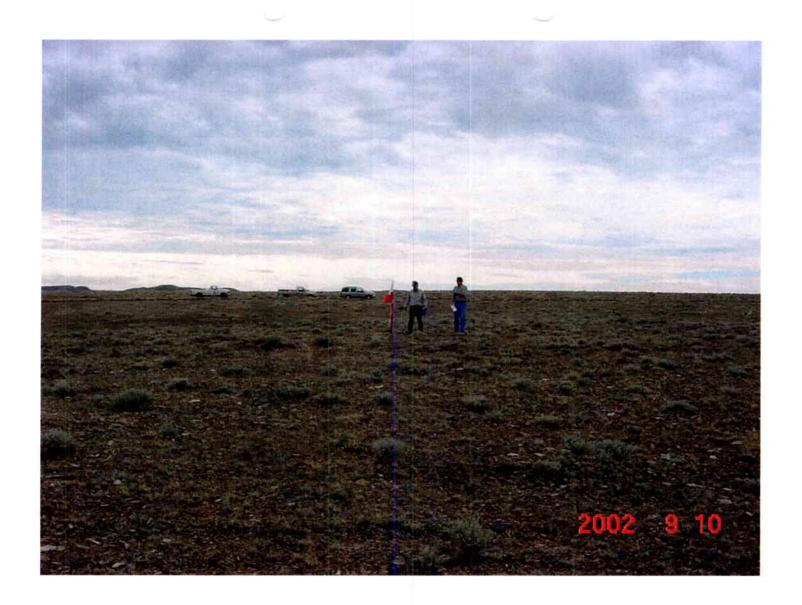
Site-Specific Factors	Ranking	Site Ranking
Distance to Groundwater (feet)		
>200 100 to 200	0 5	
75 to 100 25 to 75	10 15	
<25 or recharge area	20	0
Distance to Surf. Water (feet) >1000	0	
300 to 1000	2	
200 to 300 100 to 200	10 15	
< 100	20	0
Distance to Nearest Municipal Well (feet)		
>5280 1320 to 5280	0 5	
500 to 1320	10	
<500	20	0
Distance to Other Wells (feet) >1320	0	
300 to 1320 <300	10 20	0
Native Soil Type	20	
Low permeability	0	
Mod. permeability High permeability	10 20	10
Fluid Type		
Air/mist Fresh Water	0 5	
TDS >5000 and <10000 TDS >10000 or Oil Base Mud Fluid	10 15	
containing significant levels of		
hazardous constituents	20	5
Drill Cuttings Normal Rock	0	
Salt or detrimental	10	0
Annual Precipitation (inches)	0	
10 to 20	5	
>20	10	0
Affected Populations <10	0	
10 to 30 30 to 50	6 8	
>50	10	0
Presence of Nearby Utility		
Conduits Not Present	0	
Unknown Present	10 15	0

Final Score \_\_\_\_\_\_ 15 \_\_\_ (Level III Sensitivity)

Sensitivity Level I = 20 or more; total containment is required.

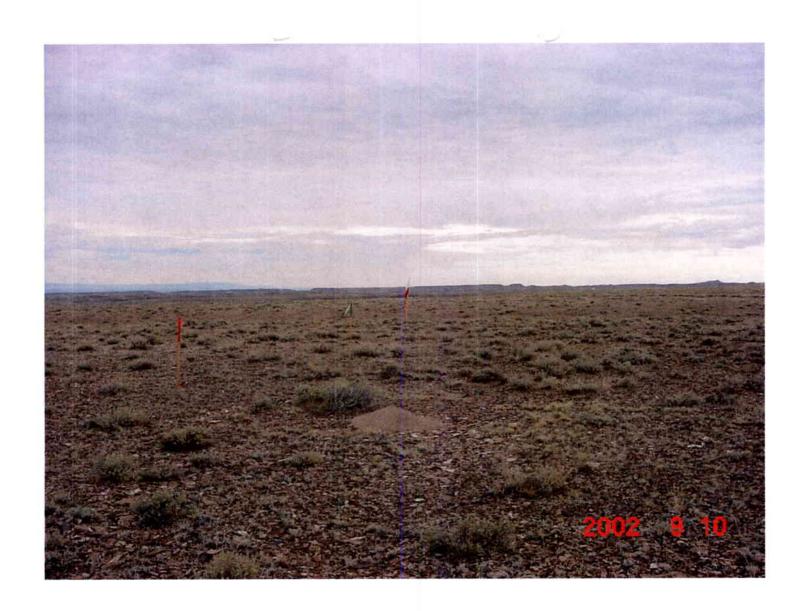
Sensitivity Level II = 15-19; lining is discretionary.

Sensitivity Level III = below 15; no specific lining is required.









# DIVISION OF OIL, GAS AND MINING

APPLICATION FOR PERMIT TO DRILL STATEMENT OF BASIS

OPERATOR:	EOG RESOURCES, INC.
VELL NAME & NUMBER:	NBU 436-18E
API NUMBER:	
LOCATION: 1/4,1/4 <u>NE/SE</u>	Sec:18_ TWP:10S RNG:21E 748 FEL 1644 FSL
Geology/Ground Water:	
	a Federal mineral lease. The surface casing will be evaluated by the
BLM.	
Reviewer: Brad	Hill
Surface:	
	surface was performed on 9/10/02. Floyd Bartlett with DWR and Ed
Bonner with SITLA were invited to	o this investigation on 9/3/02. Mr. Bartlett was present; SITLA did not
nave a representative present. M	Ar. Bartlett did not have any concerns regarding the construction of this
	This site is on State surface with USA minerals. The existing drainage
	he east where a diversion ditch will be dug. This site appears to be the
pest site for a location in the imm	
oct one for a location in the	

# **Conditions of Approval/Application for Permit to Drill:**

1. A synthetic liner with a minimum thickness of 12 mils shall be properly installed and maintained in the reserve pit.



State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt Governor Robert L. Morgan Executive Director Lowell P. Braxton Division Director 1594 West North Temple, Suite 1210 PO Box 145801 Salt Lake City, Utah 84114-5801 (801) 538-5340 telephone (801) 359-3940 fax (801) 538-7223 TTY www.nr.utah.gov

September 3, 2002

EOG Resources, Inc. P O Box 1815 Vernal, UT 84078

Re: National Buttes Unit 436-18E Well, 1644' FSL, 748' FEL, NE SE, Sec. 18, T. 10 South,

R. 21 East, Uintah County, Utah

#### Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann.§ 40-6-1 et seq., Utah Administrative Code R649-3-1 et seq., and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-34195.

Sincerely,

John R. Baza
Associate Director

pb

**Enclosures** 

cc:

**Uintah County Assessor** 

Bureau of Land Management, Vernal District Office



Operator:	EOG Resources, Inc.			
Well Name & Number	National Buttes Unit 436-18E			
API Number:	43-047-34195			
Lease:	U-02270-A			
Location: NE SE	Sec. 18	T. 10 South	<b>R.</b> 21 East	

#### **Conditions of Approval**

#### ,1. General

Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

#### 2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

Contact Carol Daniels at (801) 538-5284.

Notify the Division prior to commencing operations to plug and abandon the well.

Contact Dan Jarvis at (801) 538-5338

#### 3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

- 4. In accordance with Order in Cause No. 190-5(b) dated October 28, 1982, the Operator shall comply with requirements of Rules R649-3-31 and R649-3-27 pertaining to Designated Oil Shale Areas. Additionally, the operator shall ensure that the surface and/or production casing is properly cemented over the entire oil shale interval as defined by Rule R649-3-31. The Operator shall report the actual depth the oil shale is encountered to the Division.
- 5. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.

# RECEI' ED

Form 3160-3 (Inly 1992)

#### **UNITED STATES**

NOV 2 7 2002

FORM APPROVED OMB NO. 1004-0136

(July 1992)	DEPARTMENT OF THE INTER
A A B	DUDEAU OF LAND MANAGEMENT

6	DEPARTME BUREAU OF	NI OF I	NAGEM	ENT DIVIS	ION OF	U-02270-A	number
U	APPLICATION FOR	PERMIT	TO DRIL	L OR OREIGNS	(NO)(2)	NINGan, Allottee or Tribe r	name
la. TYPE OF WORK	ζ						
DRILL	_	PEN 🗆			7.	Unit Agreement Name NATURAL BUTT	TEC LINIT
b. TYPE OF WELL			Single _	Multiple	8	Farm or lease name, well no	
Oil Well □	Gas Well ☑ Other		Zone C		0.	Turni or rease name, went no	·
2. Name of Operator					9.	. API Well No.	
EOG R	ESOURCES, INC.					NBU 436-18E	
3. Address and Telep	hone Number	T.TTD 0.44	200 (42)		10	). Field and pool, or wildcat	
P.O. B	OX 1815, VERNAL	., UI 840	)/8 (43:	5)/89-0/90	11	WASATCH 1. Sec., T., R., M., or BLK.	
4. Location of Well (	(Report location clearly and ir	i accordance v	viui any Stau	e requirements.)	''	and survey or area	
	FSL & 748' FEL	N	IE/SE			SEC. 18, T10S, R2	21E
At proposed prod.	Zone						1 12 64-4-
	and direction from nearest to			17	12	2. County or parish UINTAH	13. State UTAH
	<u>ES SOUTHEAST O</u>	F OURA		facres in lease	<u>                                 </u>	No. of acres assigned to this	
15. Distance from prolocation to near		,	21		1"	140. Of acies assigned to una	WOII
property or lease	line, ft.			07			
(Also to nearest dr 18. Distance from pro	rig. Unit line, if any)		19. Propo	sed denth	20.	Rotary or cable tools	
	rilling, completed,			200'		ROTARY	
or applied for, on	this lease, ft.					22. Approx. date wo	rk will start
5164 5 EET	whether DF, RT, GR, etc.) ET GRADED GROU	IND				UPON API	
23.	PROP	OSED CASIN	IG AND CE	MENTING PROGRAM			
SIZE OF HOLE	GRADE, SIZE OF CASINO	WEIGHT	PER FOOT	SETTING DEPTH	Qt	JANTITY OF CEMENT	. 00/
11"	8 5/8"	247		200' – 220'		50 SX CLASS "G"	
or 12 1/4"	9 5/8"	32.30	0#	200 – 220'		2 + 1/4 #/SX CELLO	
7 7/8"	4 1/2"	10.50	O#	6200'		POXMIX + 2% GI	
				l		T TO 400' ABOVE	
SEE ATTACH	HMENTS FOR:				OF I	NTEREST (+10% F	EXCESS).
				•	LIGH	HT CEMENT (11PF	<b>'</b> G <u>+</u> ) +
8 POINT PLA	N			WE DENTIAL	, LCM	TO 200' ABOVE	OIL SHALE
BOP SCHEM				~ CMIII.	OR F	RESH WATER IN	TERVALS
	SE AND OPERATI	NG PLAN	J ,	// /////////////////////////////////	(+ 5%	% EXCESS).	
LOCATION I		NO I DI II	, out	Mr. 12	( )	·	
			CD	<b>N</b> •		•	
LOCATION I		) ANITY 66	C"	EOG DESOLIDO	ES IN	C. WILL BE THE I	DESIGNATEI
TOPOGRAPI	HIC MAPS "A", "B'	AND '	C			UBJECT WELL U	
GAS SALES	PIPELINE—MAP'	'D''				ODJECT WELL O.	NDER
				BOND #NM 230	J&		
* ************************************	TOTAL CAR A	NID MININ	ıc				
PC: UTAH DIVI	ISION OF OIL, GAS, A OF INDIAN AFFAIRS	IND MINIS	NG				
BUREAU	OF INDIAN AFFAIRS						
				1tuu data am maan	amt mnaduati	we some and proposed new pr	aductive zone If
IN ABOVE SPACE	DESCRIBE PROPOSED PRO deepen directionally, give pe	JGRAM: If p rtinent data on	roposal is to subsurface l	ocations and measured an	d true vertic	cal depths. Give blowout prev	enter program, if any
24.	/ V						
<i>A</i>	20 Misth		TITI E	Agent		DATE 8-	27-02
SIGNED	ear your		111LE	Aguit		DILL	
(This space for Fe	ederal or State office use)	.,			-		
				APPROVAL DATE		OTICE OF APPI	ROVAL
PERMIT NO	l does not warrant or certify th	at the applicar	nt holds lega	or equitable title to those	rights in th	e subject lease which would e	ntitle the applicant to
conduct operations the	hereon.			Mariotopt Fiold M		4	,

COAs Page 1 of 7 Well No.: NBU 436-18E

# CONDITIONS OF APPROVAL APPLICATION FOR PERMIT TO DRILL

Company/Operator: <u>EOG Resources, Inc.</u>
Well Name & Number: NBU 436-18E
Lease Number: U-02270A
API Number: 43-047-34195
Location: NESE Sec. 18 T.10S R.21E
Agreement: Natural Buttes Unit

For more specific details on notification requirements, please check the Conditions of Approval for Notice to Drill and Surface Use Program.

#### CONDITIONS OF APPROVAL

Approval of this application does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Be aware fire restrictions may be in effect when location is being constructed and/or when well is being drilled. Contact the appropriate Surface Management Agency for information.

#### A. DRILLING PROGRAM

1. Estimated Depth at Which Oil, Gas, Water, σ Other Mineral Bearing Zones are Expected to be Encountered

Report <u>ALL</u> water shows and water-bearing sands to John Mayers of this office **prior to setting the next** casing string or requesting plugging orders Faxed copies of State of Utah form OGC-8-X are acceptable. If noticeable water flows are detected, submit samples to this office along with any water analyses conducted.

ll usable water and prospectively valuable minerals (as described by BLM at onsite) encountered during drilling, will be recorded by depth and adequately protected. All oil and gas shows will be tested to determine commercial potential.

COAs Page 2 of 7 Well No.: NBU 436-18E

#### 2. Pressure Control Equipment

The BOP and related equipment shall meet the minimum requirements of Onshore Oil and Gas Order No. 2 for equipment and testing requirements, procedures, etc., for a <u>3M</u> system and individual components shall be operable as designed. Chart recorders shall be used for all pressure tests.

Test charts, with individual test results identified, shall be maintained on location while drilling and shall be made available to a BLM representative upon request.

If an air compressor is on location and is being utilized to provide air for the drilling medium while drilling, the special drilling requirements in Onshore Oil and Gas Order No. 2, regarding air or gas drilling shall be adhered to.

The variances requested in section 6 of the 8 point drilling plan are granted with the following conditions:

If a mist system is being utilized then the requirement for a deduster shall be waived.

Where the location and rig layout allows, the blooie line shall be straight and extend 100' from the wellbore. This requirement will be waived only in the case where the location is too small to accommodate it.

### Casing Program and Auxiliary Equipment

Surface casing shall have centralizers on the bottom three joints, with a minimum of one centralizer per joint. Surface casing setting depths are based on ground level elevations only.

The production casing must be cemented a minimum of 200' above the base of the usable water which has been identified at  $\pm 1736$ '.

All casing strings below the conductor shall be pressure tested to 0.22 psi/ft of casing string length or 1500 psi, whichever is greater but not to exceed 70% of the minimum internal yield.

There are several Gilsonite veins near the proposed well location. The closest mapped vein is a small unnamed vein located approximately 0.1 miles to the south of the well location. If encountered in the subsurface, Gilsonite will cause moderate to sever drilling problems. If Gilsonite is encountered while drilling, the BLM must be notified and steps must taken to isolated and/or protected it via the cementing program.

### Mud Program and Circulating Medium

Hazardous substances specifically listed by the EPA as a hazardous waste or demonstrating a characteristic of a hazardous waste will not be used in drilling testing, or completion operations.

No chromate additives will be used in the mud system on Federal and Indian lands without prior BLM approval to ensure adequate protection of fresh water aquifers.

#### 5. Coring, Logging and Testing Program

Daily drilling and completion progress reports shall be submitted to this office on a weekly basis.

A cement bond log (CBL) will be run from the production casing shoe to top of the cement and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.

Please submit to this office, in LAS format, an electronic copy of all logs run on this well. This submission will replace the requirement for submittal of paper logs to the BLM.

Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (Form 3160-4) will be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3164. Two copies of all logs, core descriptions, core analyses, well-test data, geologic summaries, sample description, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, will be filed with Form 3160-4. Samples (cuttings, fluids, and/or gases) will be submitted when requested by the AO.

#### 6. Notifications of Operations

No location will be constructed or moved, no well will be plugged, and no drilling or workover equipment will be removed from a well to be placed in a suspended status without prior approval of the AO. If operations are to be suspended, prior approval of the AO will be obtained and notification given before resumption of operations.

Operator shall report production data to MMS pursuant to 30 CFR 216.5 using form MMS/3160.

<u>Immediate Report</u>: Spills, blowouts, fires, leaks, accidents, or any other unusual occurrences shall be promptly reported in accordance with the requirements of NTL-3A or its revision.

If a replacement rig is contemplated for completion operations, a "Sundry Notice" (Form 3160-5) to that effect will be filed, for prior approval of the AO, and all conditions of this approved plan are applicable during all operations conducted with the replacement rig.

The date on which production is commenced or resumed will be construed for oil wells as the date on which liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or, the date on which liquid hydrocarbons are first produced into a permanent storage facility, whichever first occurs; and, for gas wells as the date on which associated liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or, the date on which gas is first measured through permanent metering facilities, whichever first occurs.

COAs Page 4 of 7 Well No.: NBU 436-18E

Should the well be successfully completed for production, the AO will be notified when the well is placed in a producing status. Written notification of such must be submitted to this office not later than five (5) days following the date on which the well is placed on production.

Gas produced from this well may not be vented or flared beyond an initial authorized test period of 30 days or 50 MMCF following its completion, whichever occurs first, without the prior written approval of the Authorized Officer. Should gas be vented or flared without approval beyond the authorized test period, the operator may be directed to shut-in the well until the gas can be captured or approval to continue venting or flaring as uneconomic is granted and the operator shall be required to compensate the lessor for that portion of the gas vented or flared without approval which is determined to have been avoidably lost.

A schematic facilities diagram as required by 43 CFR 3162.7-5(d) shall be submitted to the appropriate Field Office within 60 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with 43 CFR 3162.7-5 (1).

No well abandonment operations will be commenced without the prior approval of the AO. In the case of newly drilled dry holes or failures, and in emergencies, oral approval will be obtained from the AO. A "Subsequent Report of Abandonment" Form 3160-5, will be filed with the AO within thirty (30) days following completion of the well for abandonment. This report will indicate where plugs were placed and the current status of surface restoration. Final abandonment will not be approved until the surface reclamation work required by the approved APD or approved abandonment notice has been completed to the satisfaction of the AO or his representative, or the appropriate Surface Managing Agency.

#### 7. Other Information

All loading lines will be placed inside the berm surrounding the tank battery.

All off-lease storage, off-lease measurement, or commingling onlease or off-lease will have prior written approval from the AO.

The oil and gas measurement facilities will be installed on the well location. The oil and gas meters will be calibrated in place prior to any deliveries and tested for meter accuracy at least quarterly thereafter. The AO will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports will be submitted to the Vernal District Office. All meter measurement facilities will conform with Onshore Oil & Gas Order No. 4 for liquid hydrocarbons and Onshore Oil & Gas Order No. 5 for natural gas measurement.

The use of materials under BLM jurisdiction will conform to 43 CFR 3610.2-3.

There will be no deviation from the proposed drilling and/or workover program without prior approval from the AO. Safe drilling and operating practices must be observed. All wells, whether drilling producing, suspended, or abandoned will be identified in accordance with 43 CFR 3162. "Sundry Notice and Report on Wells" (Form 3160-5) will be filed for approval for all changes of plans and other operations in accordance with 43 CFR 3162.3-2.

COAs Page 5 of 7 Well No.: NBU 436-18E

Section 102(b)(3) of the Federal Oil and Gas Royalty Management Act of 1982, as implemented by the applicable provisions of the operating regulations at Title 43 CFR 3162.4-1(c), requires that "not later than the 5th business day after any well begins production on which royalty is due anywhere on a lease site or allocated to a lease site, or resumes production in the case of a well which has been off production for more than 90 days, the operator shall notify the authorized officer by letter or sundry notice, Form 3160-5, or orally to be followed by a letter or sundry notice, of the date on which such production has begun or resumed."

If you fail to comply with this requirement in the manner and time allowed, you shall be liable for a civil penalty of up to \$10,000 per violation for each day such violation continues, not to exceed a maximum of 20 days. See Section 109(c)(3) of the Federal Oil and Gas Royalty Management Act of 1982 and the implementing regulations at Title 43 CFR 3162.4-1(b)(5)(ii).

APD approval is valid for a period of one (1) year from the signature date. An extension period may be granted, if requested, prior to the expiration of the original approval period.

In the event after-hours approvals are necessary, you must contact one of the following individuals:

Ed Forsman (435) 828-7874

Petroleum Engineer

Kirk Fleetwood (435) 828-7875

Petroleum Engineer

BLM FAX Machine (435) 781-4410

#### EPA'S LIST OF NONEXEMPT EXPLORATION AND PRODUCTION WASTES

While the following wastes are nonexempt, they are not necessarily hazardous.

Unused fracturing fluids or acids

Gas plant cooling tower cleaning wastes

Painting wastes

Oil and gas service company wastes, such as empty drums, drum rinsate, vacuum truck rinsate, sandblast media, painting wastes, spend solvents, spilled chemicals, and waste acids

Vacuum truck and drum rinsate from trucks and drums, transporting or containing nonexempt waste

Refinery wastes

Liquid and solid wastes generated by crude oil and tank bottom reclaimers

Used equipment lubrication oils

Waste compressor oil, filters, and blowdown

Used hydraulic fluids

Waste solvents

Waste in transportation pipeline-related pits

Caustic or acid cleaners

Boiler cleaning wastes

Boiler refractory bricks

Incinerator ash

Laboratory wastes

Sanitary wastes

Pesticide wastes

Radioactive tracer wastes

Drums, insulation and miscellaneous solids.

# SURFACE USE PROGRAM CONDITIONS OF APPROVAL (COAs)

EOG Resources, Inc. (EOG) will comply with the State of Utah Conditions of Approval Items 1.-5. as listed in the approval letter BLM received September 6, 2002.

## DIVISION OF OIL, GAS AND MINING

### **SPUDDING INFORMATION**

Name of Company:_	EOG RESOU	RCES INC	
Well Name:	NBU 436-18E		
Api No: 43-04	7-34195 Lea	se Type: FED	– STATE SURF
Section <u>18</u> To	ownship 10S Range	e 21E County	UINTAH
Drilling Contractor _	DALL COOK'S		RIG# <u>AIR</u>
SPUDDED:			
Date _	04/24/03	_	
Time _	7:00 AM	-	
How_	ROTARY	•	
Drilling will com	mence:	·.	
Reported by	ED TROTTE	R	
Telephone #	1-435-789-412	20	
Date04/24/200	Signed:	CHD	

P.01/01

From-EOG - BIG PINEY, WY.

OPERATOR ACCT. NO. N 9 550 FAX: JIM THOMPSON

OPERATOR: EOG Resources, Inc.

(801) 359-3940

**ENTITY ACTION FORM - FORM 6** 

**BIG PINEY, WYOMING 83113** 

ADDRESS: P.O. BOX 250

ACTION	CURRENT	NEW	API	WELL NAME	•	L	LOCAT	ION			SPUD	EFFECTIVE
CODE	ENTITY NO.	ENTITY NO.	NUMBER			QQ	SEC.	Ϋ́P	RG	COUNTY	DATE	DATE
В	99999	2900	43-047-34195	NATURAL BUTTES UNIT	Г436-18E	NESE	18	108	21E	UINTAH	4/24/2003	4/30/02
ቦቦ	NFIDE	NITINI										
<u> </u>	IN IDF	MIN				T				·······	1	· ·
	·L					<del></del>	<u> </u>	<u></u>			<u> </u>	
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			·									
	1											
		:	1	1	-	<del></del>	<u> </u>	<b>.</b>				
	T			<del>                                     </del>			T	1			<u>r                                     </u>	
	-			·								
											Δ	
CTIONS			n back of form) new well (single wel	Locks					7	A 1/2	rke	,
		-	entity (group or unit						Signat		VIII -	
	C - Re-assign	well from one	existing entity to ar	other existing entity					Regula	atory Analyst	_	4/29/2003
	-		existing entity to a	new entity			· 522 4		Title		<del></del>	Date
OTE:		plain in comme NT section to		tion Code was selected.					Phone	No.	(307) 276-48	42
					· []	·   · · · · · ·	_					
		and the second			HEU	EIVE	U					

APR 2 9 2003

DIV. OF OIL, GAS & MINING

Form 3160-5 (August 1999)

009

# TUNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

BUREAU OF LAND MANAGEMENT
SUNDRY NOTICES AND REPORTS ON WELLS

FORM APPROVED
OMB NO. 1004-0135
Expires: November 30, 200

5. Lease Serial No. U 02270 A

Do not use this form for proposals to drill or to re-enter an									
abandoned we	II. Use form 3160-3 (APL	D) for such pro	posals.		6. If Indian, Allo	ttee or Tribe Name			
SUBMIT IN TRI	7. If Unit or CA/ NATURAL	Agreement, Name and/or No. BUTTES							
Type of Well     Oil Well	8. Well Name and No. NATURAL BUTTES UNIT 436-18E								
2. Name of Operator EOG RESOURCES, INC.	Contact:	KATY CARLSC E-Mail: Kathleen	)N _Carlson@EOG	Resources.co	9. API Well No. m 43-047-341	95			
3a. Address P.O. BOX 250 BIG PINEY, WY 83113		3b. Phone No. (i Ph: 307.276.		)		ol, or Exploratory BUTTES/WASATCH			
4. Location of Well (Footage, Sec., 7	., R., M., or Survey Description)	)			11. County or Pa	rish, and State			
Sec 18 T10S R21E NESE 164 39.94497 N Lat, 109.58729 W					UINTAH CO	DUNTY, UT			
12. CHECK APPI	ROPRIATE BOX(ES) TO	INDICATE N	ATURE OF 1	NOTICE, RI	EPORT, OR OT	THER DATA			
TYPE OF SUBMISSION			TYPE O	F ACTION					
Notice of Intent     ■	☐ Acidize	Deepe	n	☐ Producti	ion (Start/Resum	e)   Water Shut-Off			
Notice of filterit	Alter Casing	☐ Fractu	re Treat	☐ Reclama	ation	■ Well Integrity			
☐ Subsequent Report	Casing Repair	□ New C	Construction	☐ Recomp	lete	<b>⊠</b> Other			
☐ Final Abandonment Notice	□ Change Plans	☐ Plug and Abandon ☐ Tempora			arily Abandon	Well Spud			
	□ Convert to Injection	Plug B	ack	■ Water D	Disposal				
determined that the site is ready for f EOG Resources, Inc. spud 12 was Dall Cook's Air Drilling. E Division of Oil, Gas & Mining v	2-1/4" surface hole at the s Ed Forsman of the Vernal I	BLM office and	4/24/2003. T Carol Daniels	he contracto of the Utah	r				
14. I hereby certify that the foregoing is	true and correct. Electronic Submission #	21182 verified b	y the BLM Wel	I Information	System				
	For EOG RES	OURCES, INC.,	will be sent to t	the Vernal	-				
Name (Printed/Typed) KATY CA	RLSON	Т	itle REGUL	ATORY AN	ALYST				
Signature (Electronic S	Signature (Electronic Submission) Date 04/29/2003								
	THIS SPACE FO	R FEDERAL	OR STATE	OFFICE U	SE				
Approved By			Title		D	ate			
Conditions of approval, if any, are attache certify that the applicant holds legal or eq which would entitle the applicant to condu	uitable title to those rights in the		Office						
Title 18 U.S.C. Section 1001 and Title 43 States any false, fictitious or fraudulent	U.S.C. Section 1212, make it a statements or representations as	crime for any perso to any matter with	on knowingly and in its jurisdiction.	willfully to ma	ke to any departme	ent or agency of the United			

\*\* DRAFT \*\* DRAFT \*\* DRAFT \*\* DRAFT \*\* DRAFT \*\*

MAY 0 1 2003

Form 3160-4 (August 1999)

# UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

OMB No. 1004-0137

Expires: November 30, 2000

0	WELL (	COMPL	ETION C	R REC	COMP	LETIC	ON REF	PORT	AND L	_OG			ease Serial 1 J 02270A	No.	
la. Type of	f Well	Oil Well	<b>⊠</b> Gas '	Well	Dry							6. If	Indian, Alle	ottee or	Tribe Name
b. Type o	f Completion	☑ N Othe	ew Well r	☐ Work	Over	D De	eepen	☐ Plug	g Back	☐ Dif	f. Resvr.	7. U	nit or CA A	greeme	ent Name and No.
2. Name of	Operator	2 11/0		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Co	ntact: K	ATY CAR	RLSON	Carlana		2000111000	8. L	ease Name a	and We	ell No.
	P.O. BOX BIG PINE	250	2112				3a. P	hone N	o. (include 6.4842	<del>~</del>			PI Well No.		43-047-34195
4. Location	of Well (Re			id in acco	rdance	with Fed						10.	Field and Po	ol, or I	Exploratory
At surfa	ice NESE	1644FSL	748FEL 3	9.94497	N Lat,	109.587	29 W Lor	n				11.	Sec., T., R.,	M., or	S/WASATCH Block and Survey
At top p	orod interval i	reported be	low NES	SE 1644F	SL 748	BFEL 39	.94497 N	l Lat, 1	09.58729	9 W Lor	1	0	County or P	18 T	10S R21E Mer SL 13. State
At total		SE 1644F	SL 748FEL	39.944	97 N La	it, 109.5						ί	JINTAH		UT
14. Date S <sub>1</sub> 04/24/2	oudded 2003			ate T.D. F /03/2003				□ D &	Complet A 🛮 🛣 3/2003	ed Ready t	o Prod.	17.	Elevations ( 517	DF, KE '0 GL	3, RT, GL)*
18. Total D	Pepth:	MD TVD	6140 6140		19. Plu	g Back T	`.D.:	MD TVD		19 19	20. De <sub>l</sub>	th Bri	idge Plug Se	7	MD IVD
21. Type E RST &	lectric & Oth CEMENT B	er Mechar OND LOC	ical Logs R G/GR/CCL	un (Subm	it copy	of each)				w	as well cored as DST run? rectional Su		No ∣	🔲 Yes	(Submit analysis) (Submit analysis) (Submit analysis)
23. Casing a	nd Liner Reco	ord (Repo	rt all strings	set in we	·ll)		<del></del>							· · · · · · · · · · · · · · · · · · ·	
Hole Size	Size/G	rade	Wt. (#/ft.)	Top (MD)		Bottom (MD)	Stage Ce Dep			of Sks. & of Cemer			Cement 7	Гор*	Amount Pulled
12.250	<del>†</del>	325 J-55	24.0	<b></b>	0	234					160				
7.875	4.5	500 J-55	10.5		0	6137	1		-		320				
	1				-		<u> </u>		<del>                                     </del>					$\dashv$	
	1								İ						
							I								
24. Tubing				a.m. T		T	1 0 . 0 .	<u> </u>		1 (145			4.0.00	<u>, T</u>	D 1 D 4 (1/D)
Size 2.375	Depth Set (M	1D) Pa 5917	cker Depth	(MD)	Size	Dept	h Set (MI	<u>))   1</u>	acker De	pth (MD	) Size	De	epth Set (MI	<i>)</i> )	Packer Depth (MD)
	ng Intervals	3917				26.	. Perforati	on Reco	ord						
	ormation		Тор		Botton	,	Per	forated	Interval		Size	]	No. Holes		Perf. Status
A)	WASA	ATCH		5052	5	383			5879 T	O 5883	0.3	80	15	PROD	DUCING
B)									5755 T	O 5765	0.3	80	-		DUCING
C)										O 5582		$\overline{}$			DUCING
D)	racture, Treat	l	ant Causas	Eto			· · · · · · · · · · · · · · · · · · ·		5152 T	O 5165	0.3	80 <u> </u>	30	PROL	DUCING
	Depth Interva		iem squeeze	, Etc.				Α.	mount and	d Type o	f Material	*1	UC.	avi-li	DENTINE.
			83 13,104	GALS GE	LLED W	ATER &	46,000# 2			<del>и гурс с</del>					RIOD
			65 18,060									•			PIBED
			82 13,566									ſ	ON.	7-	3-04
20 B	_		65 16,254	GALS GE	LLED W	ATER &	64,100# 2	0/40 SA	ND.			RJ.	٠	<del></del>	
28. Product	ion - Interval	A Hours	Test	Oil	Gas	T,	Water	Oil G	ravity	Ga	s		ion Method	ار مواده و	and the grown was directly and the same
Produced	Date	Tested	Production	BBL	MCF	. 1	69.0	Corr.			avity			/S EDO	M WELL
06/03/2003 Choke	06/10/2003 Tbg. Press.	Csg.	24 Hr.	3.0 Oil	Gas	25.0	69.0 Water	Gas:C	Dil	W	ell Status		I LOW	.5170	717. <b>77</b>
Size 14/64	Flwg. 1275		Rate	BBL 3	MCF		BBL 69	Ratio			PGW				
	tion - Interva	L	1												·
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF		Water BBL	Oil Gi Corr.		Ga Gr	s avity	Product	ion Method		
	Jule	, concu													CENE
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF		Water BBL	Gas:C Ratio	oil	W	ell Status	-		חו	CENCU
	SI		$  - \! \! \! \! \! \! \! \! \! \! \! \! \! \! \! \! \! \! $											- 11	IN 1 3 2003

28b. Prod	luction - Inter	val C										
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API		Gas Gravity	Production Method		•
												: 1
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio		Well Status			
28c. Prod	luction - Inter	val D										
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API		Gas Gravity	Production Method		
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio		Well Status		·	
29. Dispo	osition of Gas	(Sold, used	for fuel, vent	ed, etc.)		- <del>L</del>		<b>.</b>			., -	
30. Sumn	nary of Porou	s Zones (Ir	clude Aquife	rs):			•		31. For	mation (Log) Marke	ers	
tests,	all important including dep ecoveries.	zones of poth interval	orosity and c tested, cushic	ontents there on used, time	eof: Cored i tool open,	intervals and a	all drill-stem shut-in press	ures				
	Formation		Тор	Bottom		Description	ns, Contents,	etc.		Name		Top Meas. Depth
GREEN F "M" MARI WASATC CHAPITA BUCK CA	KER H WELLS	s (include p	1207 4139 4455 5195 5835	4139 4455 5195 5835 6200	SH SA SA	ALE (ALE NDSTONE NDSTONE NDSTONE			CH	SATCH APITA WELLS CK CANYON		5779 5141 5862
33. Circle	e enclosed atta ectrical/Mech indry Notice f	achments: anical Log:	s (1 full set re	q'd.)		Geologic     Core Ana	-		3. DST Rep 7 Other:	port 4	4. Direction	al Survey
34. I here	by certify tha	t the forego		ronic Subm	ission #23(		by the BLM	Well Info	ormation Sys	records (see attache	d instructio	ns):
Name	: (please print	) <u>KATY C</u>	ARLSON	- V. L					ATORY AN	ALYST		
Signa			nic Submissi	on) Dat	4 (a)	rlea	Date	e <u>06/11/2</u>	003			
									and willfully ts jurisdiction	to make to any depa	rtment or ag	gency

#### Additional data for transaction #23079 that would not fit on the form

CONFIDENTIAL

26. Perforation Record, continued

Perf Interval 5052 TO 5068

Size 0.380 No. Holes 21

Perf Status PRODUCING

27. Acid, Fracture, Treatment, Cement Squeeze, etc., continued

Depth Interval 5052 TO 5068

Amount and Type of Material 11,760 GALS GELLED WATER & 34,900# 20/40 SAND.

**RECEIVED** JUN 1 3 2003

DIV. OF OIL, GAS & MINING

# Division of Oil, Gas and Mining OPERATOR CHANGE WORKSHEET

ROUTING
1. DJJ
2 CDW

### X Change of Operator (Well Sold)

Operator Name Change/Merger

The operator of the well(s) listed below has changed, effective:	1/6/2006						
FROM: (Old Operator):	TO: ( New Operator):						
N2115-Westport Oil & Gas Co., LP	N2995-Kerr-M		Gas Onsho	re, LP			
1368 South 1200 East	1368 S	outh 1200	East				
Vernal, UT 84078	Vernal, UT 84078						
Phone: 1-(435) 781-7024	Phone: 1-(435) 781-7024						
CA No.	Unit:	N	ATURAL I	BUTTES	UNIT		
WELL NAME SEC TWN RNG	API NO	ENTITY	LEASE	WELL	WELL		
<b>l</b> 9,		NO	TYPE	TYPE	STATUS		
OPERATOR CHANGES DOCUMENTATION							
Enter date after each listed item is completed							
1. (R649-8-10) Sundry or legal documentation was received from the	FORMER ope	rator on:	5/10/2000	5			
2. (R649-8-10) Sundry or legal documentation was received from the	NEW operator	on:	5/10/2000	5			
3. The new company was checked on the Department of Commerce	e, Division of Co	orporation	s Database	on:	3/7/2006		
4a. Is the new operator registered in the State of Utah: YES	Business Numb	er:	1355743-01	81			
4b. If <b>NO</b> , the operator was contacted contacted on:	_			_			
5a. (R649-9-2)Waste Management Plan has been received on:	IN PLACE						
5b. Inspections of LA PA state/fee well sites complete on:	n/a	3 LA well	s & all PA v	vells tran	sferred		
5c. Reports current for Production/Disposition & Sundries on:	ok	•					
6. Federal and Indian Lease Wells: The BLM and or the I	BIA has appro	ved the n	nerger, na	me chan	ge,		
or operator change for all wells listed on Federal or Indian leases of	on:	BLM	3/27/2000	BIA	not yet		
7. Federal and Indian Units:							
The BLM or BIA has approved the successor of unit operator for	r wells listed on:		3/27/2006				
8. Federal and Indian Communization Agreements ("	CA"):						
The BLM or BIA has approved the operator for all wells listed w			n/a				
	ivision has appro		-	isfer of A	uthority to		
Inject, for the enhanced/secondary recovery unit/project for the wa	ater disposal wel	ll(s) listed o	on:				
DATA ENTRY:							
1. Changes entered in the Oil and Gas Database on:	5/15/2006						
2. Changes have been entered on the Monthly Operator Change Sp			5/15/2006	<u>-</u>			
<ul><li>3. Bond information entered in RBDMS on:</li><li>4. Fee/State wells attached to bond in RBDMS on:</li></ul>	5/15/2006	-					
<ul><li>4. Fee/State wells attached to bond in RBDMS on:</li><li>5. Injection Projects to new operator in RBDMS on:</li></ul>	5/16/2006	-					
6. Receipt of Acceptance of Drilling Procedures for APD/New on:	-	n/a	Name Cha	nge Only			
BOND VERIFICATION:							
Federal well(s) covered by Bond Number:	CO1203						
2. Indian well(s) covered by Bond Number:	RLB0005239	-					
3. (R649-3-1) The NEW operator of any fee well(s) listed covered by		-	RLB000523	36			
a. The <b>FORMER</b> operator has requested a release of liability from the	•	n/a	rider adde				
The Division sent response by letter on:			_				
LEASE INTEREST OWNER NOTIFICATION:		-					
4. (R649-2-10) The FORMER operator of the fee wells has been cont	tacted and inform	ned by a let	tter from the	Division			
of their responsibility to notify all interest owners of this change on		5/16/2006					
COMMENTS:							

Form 3 160-5 (August 1999)

# UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED OMB No. 1004-0135 Expires Jnovember 30, 2000

5.	Lease	Seria!	No.

SUNDRY Do not use this abandoned well.	MULTIPLE LEASES  6. If Indian, Allottee or Tribe Name		
SUBMIT IN TRIPI	7. If Unit or CA/Agreement, Name and/or No.		
I. Type of Well	_		
Oil Well X Gas Well	☐ Other		8. Well Name and No.
2. Name of Operator			MUTIPLE WELLS
KERR-McGEE OIL & GAS	ONSHORE LP		9. API Well No.
3a. Address		3b. Phone No. (include area	code)
1368 SOUTH 1200 EAST VERNAL, UT 84078 (435) 781-7024			10. Field and Pool, or Exploratory Area
4. Location of Well (Footage, Sec.	, T., R., M., or Survey Descript		
SEE ATTACHED			11. County or Parish, State UINTAH COUNTY, UTAH
12. CHECK AP	PROPRIATE BOX(ES) TO	INDICATE NATURE OF NO	OTICE, REPORT, OR OTHER DATA
TYPE OF SUBMISSION		TYPE OF	ACTION
Notice of Intent	Acidize Alter Casing		roduction (Start/Resume) Water Shut-Off
Subsequent Report	Casing Repair Change Plans	New Construction F	decomplete
Final Abandonment Notice	Convert to Injection	Plug Back	emporarily Abandon OPERATOR  Vater Disposal
13. Describe Proposed or Completed Op  If the proposal is to deepen direction	erations (clearly state all pertiner nally or recomplete horizontally,	nt details, including estimated starting give subsurface locations and measur	g date of any proposed work and approximate duration thereof, red and true vertical depths of all pertinent markers and zones.

If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

PLEASE BE ADVISED THAT KERR-McGEE OIL & GAS ONSHORE LP, IS CONSIDERED TO BE THE OPERATOR OF THE ATTACHED WELL LOCATIONS. EFFECTIVE JANUARY 6, 2006.

KERR-McGEE OIL & GAS ONSHORE LP, IS DESPONSIBLE LINDER TERMS AND CONSIDERED.

RECEIVED

KERR-McGEE OIL & GAS ONSHORE LP, IS RESPONSIBLE UNDER TERMS AND CONDITIONS OF THE LEASE(S) FOR THE OPERATIONS CONDUCTED UPON LEASE LANDS. BOND COVERAGE

BIM BOND = CDI202

MAY 1 0 2006

IS PROVIDED BY STATE OF UTAH NATIONWIDE BOND NO. RLB0005237.

DIV. OF OIL, GAS & MINING

<ol> <li>I hereby certify that the foregoing is true and corn Name (Printed/Typed)</li> <li>FANDY BAYNE</li> </ol>	Title Earlene R	lene Russell  16 Oil, Gas and Mining  18 Ussell, Engineering Technician
Signature / Sayne	Date <b>May</b> 9, 2006	
	THIS SPACE FOR FEDERAL OR STATE L	JSE
Approved by	Title	Date
Conditions of approval, if any, are attached. Approval of this certify that the applicant holds legal or equitable title to those which would entile the applicant to conduct operations thereo	rights in the subject lease	3076

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Form 3 160-5 (August 1999)

#### UNITED STATES DEPARTMENT OF THE INTERIOR **BUREAU OF LAND MANAGEMENT**

FORM APPROVED OMB No. 1004-0135 Expires Jnovember 30, 2000

5. Lease Serial No.

### MULTIPLE LEASES

SUNDRY NOTICES AND REPORTS ON WELLS

	Use Form 3160-3 (APD)				6. If Indiar	, Allottee or Tribe Name
SUBMIT IN TRIPLICATE – Other instructions on reverse side					7. If Unit o	or CA/Agreement, Name and/or No.
I. Type of Well						
Oil Well 🔀 Gas Well 🔲 Other						me and No.
2. Name of Operator					MUTIPL	.E WELLS
WESTPORT OIL & GAS CO	DMPANY L.P.				9. API Wel	l No.
3a. Address		3b. Phon	e No. (includ	le area d	code)	
1368 SOUTH 1200 EAST V		(435) 78	1-7024		10. Field and	Pool, or Exploratory Area
4. Location of Well (Footage, Sec.,	T., R., M., or Survey Description	on)				
055 47740450					11. County of	or Parish, State
SEE ATTACHED					UINTAH	COUNTY, UTAH
12. CHECK APP	ROPRIATE BOX(ES) TO I	NDICATE	NATURE (	OF NO	TICE, REPORT, OR	OTHER DATA
TYPE OF SUBMISSION			TYP	E OF A	ACTION	
Notice of Intent	Acidize	Deepen		☐ Pr	oduction (Start/Resume	) Water Shut-Off
_	Alter Casing	Fractur			eclamation	Well Integrity
Subsequent Report	Casing Repair		onstruction		complete	Other CHANGE OF
Final Abandonment Notice	Change Plans Convert to Injection	_	d Abandon		emporarily Abandon	OPERATOR
13. Describe Proposed or Completed Open	-	Plug Ba		_	ater Disposal	
Attach the Bond under which the wolfollowing completion of the involved testing has been completed. Final Aldetermined that the site is ready for fin EFFECTIVE JANUARY 6, 20 THE OPERATORSHIP OF TONSHORE LP.	operations. If the operation resulted and on the file at inspection.  DO6, WESTPORT OIL 8 THE ATTACHED WELL	is in a multip d only after a & GAS CC LOCATIO	OMPANY	L.P., I	npletion in a new interva ling reclamation, have be HAS RELINQUISI -McGEE OIL & G	I, a Form 3160-4 shall be filed once ten completed, and the operator has
	APPR	OVED	51	161	06	RECEIVED
	<u>Ca</u>	rlove	Russ	ıll		— <del>—</del>
	Division	of Oil, G	es and Mi	ining		MAY 1 0 2006
	Dariene I	Kussell, E	ngineerin	g Tect	<b>hnician</b>	NIV OF OUR OAR RAMMING
14. I hereby certify that the foregoing	g is true and correct					DIV_OF OIL_GAS & MINING
Name (Printed/Typed)		Title				
BRAD LANEY Signature			IEERING	SPEC	CIALIST	
orginature .		Date May 9,	2006			
	THIS SPACE			TATE U	JSE	
Approved by			itle		Date	
Olack January					5-9	7-06
Conditions of approval, if any, are attacked certify that the applicant holds legated equit which would entitle the applicant to conduct	table title to those rights in the subj	ect lease	ffice		¥ 11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
Title 18 U.S.C. Section 1001, make false, fictitious or fraudulent statemer	it a crime for any person know	vingly and v matter withi	villfully to m n its jurisdict	nake to a tion.	any department or ager	ncy of the United States any



### **United States Department of the Interior**

BUREAU OF LAND MANAGEMENT Colorado State Office 2850 Youngfield Street Lakewood, Colorado 80215-7076

IN REPLY REFER TO:

CO922 (MM) 3106 COC017387 et. al.

March 23, 2006

#### NOTICE

Kerr-McGee Oil & Gas Onshore L.P. 1999 Broadway, Suite 3700 Denver, CO 80202

Oil & Gas

#### Merger/Name Change - Recognized

On February 28, 2006 this office received acceptable evidence of the following mergers and name conversion:

Kerr-McGee Oil & Gas Onshore L.P., a Delaware Limited Partnership, and Kerr-McGee Oil & Gas Onshore LLC, a Delaware Limited Partnership merger with and into Westport Oil and Gas Company L.P., a Delaware Limited Partnership, and subsequent Westport Oil & Gas Company L.P. name conversion to Kerr-McGee Oil & Gas Onshore L.P.

For our purposes the merger and name conversion was effective January 4, 2006, the date the Secretary of State of Delaware authenticated the mergers and name conversion.

Kerr-McGee Oil & Gas Onshore L.P. provided a list of oil and gas leases held by the merging parties with the request that the Bureau of Land Management change all their lease records from the named entities to the new entity, Kerr-McGee Oil & Gas Onshore L.P. In response to this request each state is asked to retrieve their own list of leases in the names of these entities from the Bureau of Land Management's (BLM) automated LR2000 data base.

The oil and gas lease files identified on the list provided by Kerr-McGee Oil & Gas Onshore L.P. have been updated as to the merger and name conversion. We have not abstracted the lease files to determine if the entities affected by the acceptance of these documents holds an interest in the lease, nor have we attempt to identify leases where the entity is the operator on the ground that maintains vested record title or operating rights interests. If additional documentation, for change of operator, is required you will be contacted directly by the appropriate Field Office. The Mineral Management Services (MMS) and other applicable BLM offices were notified of the merger with a copy of this notice

Please contact this office if you identify additional leases where the merging party maintains an interest, under our jurisdiction, and we will document the case files with a copy of this notice. If the leases are under the jurisdiction of another State Office that information will be forwarded to them for their action.

Three riders accompanied the merger/name conversion documents which will add Kerr-McGee Oil and Gas Onshore LLC as a principal to the 3 Kerr-McGee bonds maintained by the Wyoming State Office. These riders will be forward to them for their acceptance.

The Nationwide Oil & Gas Continental Casualty Company Bond #158626364 (BLM Bond #CO1203), maintained by the Colorado State Office, will remain in full force and effect until an assumption rider is accepted by the Wyoming State Office that conditions their Nationwide Safeco bond to accept all outstanding liability on the oil and gas leases attached to the Colorado bond.

If you have questions about this action you may call me at 303,239,3768.

/s/Martha L. Maxwell Martha L. Maxwell Land Law Examiner Fluid Minerals Adjudication

#### Attachment:

List of OG Leases to each of the following offices:
MMS MRM, MS 357B-1
WY, UT, NM/OK/TX, MT/ND, WY State Offices
CO Field Offices
Wyoming State Office
Rider #1 to Bond WY2357

Rider #1 to Bond WY2357 Rider #2 to Bond WY1865 Rider #3 to Bond WY1127



### United States Department of the Interior



BUREAU OF LAND MANAGEMENT Utah State Office P.O. Box 45155 Salt Lake City, UT 84145-0155 http://www.blm.gov

IN REPLY REFER TO: 3106 (UT-922)

March 27, 2006

#### Memorandum

To:

Vernal Field Office

From:

Chief, Branch of Fluid Minerals

Subject:

Merger Approval

Attached is an approved copy of the merger recognized by the Bureau of Land Management, Colorado State Office. We have updated our records to reflect the merger from Westport Oil and Gas Company L.P. into Kerr-McGee Onshore Oil and Gas Company. The merger was approved effective January 4, 2006.

Chief, Branch of Fluid Minerals

#### Enclosure

Approval letter from BLM COSO (2 pp)

cc:

MMS, Reference Data Branch, James Sykes, PO Box 25165, Denver CO 80225

State of Utah, DOGM, Attn: Earlene Russell, PO Box 145801, SLC UT 84114

Teresa Thompson

Joe Incardine

Connie Seare

Dave Mascarenas

Susan Bauman

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Form 3160-5 (August 2007)

(Instructions on page 2)

#### **UNITED STATES** DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

5. Lease Serial No. Multiple Leases

SUNDRY NOTICES AND REPORTS ON WELLS				
o not use this	form for prop	osals to drill or to re-enter an		

6. If Indian, Allottee or Tribe Name

FORM APPROVED

OMB No. 1004-0137 Expires: July 31, 2010

Do not use this abandoned well.	form for proposals Use Form 3160-3 (	to drill or to re-ente APD) for such prop	er an osals.	o. If Indian, Anottee (	of Tribe Name
	IT IN TRIPLICATE - Other	er instructions on page 2.			ement, Name and/or No.
1. Type of wen			Natural Buttes		
Oil Well Gas V	Well Other			<ol><li>Well Name and No Multiple Wells</li></ol>	
2. Name of Operator EOG Resources, Inc				9. API Well No. See Attached	
3a. Address 1060 EAST HIGHWAY 40, VERNAL, UT 84078	3	3b. Phone No. (include ar 435-781-9145	, i	10. Field and Pool or I Natural Buttes	Exploratory Area
4. Location of Well (Footage, Sec., T., See Attached	R., M., or Survey Descriptio	n)	į.	11. Country or Parish, Uintah, Utah	State
12. CHEC	X THE APPROPRIATE B	OX(ES) TO INDICATE NA	TURE OF NOTICE	E, REPORT OR OTH	ER DATA
TYPE OF SUBMISSION			TYPE OF ACTION	ON	
Notice of Intent	Acidize Alter Casing	Deepen Fracture Treat	Produc	ction (Start/Resume)	Water Shut-Off Well Integrity
Subsequent Report	Casing Repair Change Plans	New Construction Plug and Abandon		pplete prarily Abandon	Other Change of Operator
Final Abandonment Notice	Convert to Injection	Plug Back	☐ Water	Disposal	
EOG Resources, Inc. has assigned Onshore LP and will relinquish and to As of January 1, 2010, Kerr-McGee terms and conditions of the applicab Onshore LP's Nationwide BLM Bonc Kerr-McGee Oil & Gas Onshore LP 1099 18th Street, Suite 1800 Denver, CO 80202-1918	transfer operatorship of all Oil & Gas Onshore LP wi le lease for the operation	I of the Subject Wells to K	err-McGee Oil & e	Gas Onshore LP on of the Subject Wells	January 1, 2010.
				Accepted	l by the
1 0	1			Utah Div	•
By: Little G	· his	Date: 12/17/2009		Oil, Gas an	
Agent and Attorney-in-Fact	I			For Reco	rd Only ER 1201
14. I hereby certify that the foregoing is true Name (Printed/Typed)  J. Michael Schween	ae and correct.	Title Ager	it and Attorney-in	-Fact	
Signature		Date 12/1	7/2009		
	THIS SPACE	FOR FEDERAL OR	STATE OFFIC	CE USE	RECEIVED
Approved by		Total Control of the			DEC 2 4 2009
Conditions of approval, if any, are attached, hat the applicant holds legal or equitable titl ntitle the applicant to conduct operations the	le to those rights in the subjec	not warrant or certify t lease which would Office			V. OF OIL, GAS & MINING
Title 18 U.S.C. Section 1001 and Title 43 U fictitious or fraudulent statements or represe	S.C. Section 1212, make it a	crime for any person knowing	ly and willfully to m	nake to any department	or agency of the United States any false,

Lease #	API#	Well Name	Footages	Legal Description
JTUO2270A	4304730261	NBU 1-07B	1975' FNL 1850' FWL	T10S-R21E-07-SENW
JTUO144868	4304730262	NBU 2-15B	1630' FSL 2125' FEL	T09S-R20E-15-NWSE
ML22651	4304730267	NBU 3-02B	1819' FNL 716' FWL	T10S-R22E-02-SWNW
JTUO10954A	4304730273	NBU 4-35B	2037' FNL 2539' FWL	T09S-R22E-35-SENW
ML22650	4304730272	NBU 5-36B	1023' FNL 958' FWL	T09S-R22E-36-NWNW
JTUO1791	4304730278	NBU 7-09B	330' FSL 1600' FWL	T10S-R21E-09-SESW
JTUO1207 ST	4304730274	NBU 10-29B	1100' FSL 1540' FEL	T09S-R22E-29-SWSE
JTUO1791	4304730294	NBU 13-08B	1600' FSL 1300' FEL	T10S-R21E-08-NESE
JTUO581	4304730296	NBU 15-29B	821' FNL 687' FWL	T09S-R21E-29-NWNW
JTU01791	4304730316	NBU 16-06B	330' FSL 900' FEL	T10S-R21E-06-SESE
JTUO2270A	4304730317	NBU 17-18B	1014' FSL 2067' FEL	T10S-R21E-18-SWSE
JTUO144869	4304730328	NBU 19-21B	2015' FNL 646' FEL	T09S-R20E-21-SENE
JTUO575	4304730363	NBU 25-20B	1905' FNL 627' FWL	T09S-R21E-20-SWNW
JTU4485	4304730364	NBU 26-13B	600' FSL 661' FEL	T10S-R20E-13-SESE
JTUO1393B	4304730367	NBU 28-04B	529' FNL 2145' FWL	T10S-R21E-04-NENW
JTU01393B	4304730368	NBU 29-05B	398' FSL 888' FWL	T10S-R21E-05-SESE
JTU0575		NBU 30-18B	1895' FSL 685' FEL	T09S-R21E-18-NESE
1L01197A	4304730385	NBU 31-12B	565' FNL 756' FWL	T10S-R22E-12-NWNW
JTU461	4304730396	NBU 33-17B	683' FSL 739' FWL	T09S-R22E-17-SWSW
JTU0575	4304730404	NBU 34-17B	210' FNL 710' FEL	T09S-R21E-17-NENE
JTUO149767	4304730397	NBU 35-08B	1830' FNL 660' FWL	T09S-R21E-8-SWNW
JTUO144878B	4304730470	NBU 49-12B	551' FSL 1901' FEL	T09S-R20E-12-SWSE
ITUO140225	4304730473	NBU 52-01B	659' FSL 658' FEL	T09S-R21E-01-SESE
JTUO141315	4304730474	NBU 53-03B	495' FSL 601' FWL	T09S-R21E-03-SWSW
1L21510	4304730475	NBU 54-02B	660' FSL 660' FWL	T09S-R21E-02-SWSW
TUO1193		NBU 57-12B	676' FSL 1976' FEL	T09S-R21E-12-SWSE
TUO1198B		NBU 58-23B	1634' FNL 2366' FEL	T10S-R22E-23-SWNE
TUO37167		NBU 62-35B	760' FNL 2252' FEL	T10S-R22E-35-NWNE
TU10186		NBU 63-12B	1364' FNL 1358' FEL	T10S-R20E-12-SWNE
TUO37167	4304730577	NBU 70-34B	1859' FSL 2249' FWL	T10S-R22E-34-NESW
TU4476		NBU 71-26B	1877' FNL 528' FEL	T10S-R20E-26-SENE
TUO141315	тельтория и при в тельтория в при в пр	NBU 202-03	898' FSL 1580' FEL	T09S-R21E-03-SWSE
TUO1791		NBU 205-08	1432' FSL 1267' FWL	T10S-R21E-08-NWSW
TUO1791		NBU 206-09	1789' FNL 1546' FWL	T10S-R21E-09-SENW
TUO1393B		NBU 207-04	1366' FSL 1445' FWL	T10S-R21E-04-NESW
TUO149076	entrantisti in terretari di terre	NBU 210-24	1000' FSL 1000' FWL	T09S-R21E-24-SWSW
TUO284		NBU 211-20	916' FSL 822' FEL	T09S-R22E-20-SESE
TUO284		NBU 212-19	289' FSL 798' FWL	T09S-R22E-19-SWSW
TU22650		NBU 213-36J	597' FNL 659' FEL	T09S-R22E-36-NENE
L22651	текской поставления в принципальной в принципа	NBU 217-02	2045' FSL766' FWL	T10S-R22E-02-NWSW
TUO2270A		NBU 218-17	2600' FNL 1500' FWL	
TUO149076	provide the second	NBU 219-24	1300' FNL 500' FWL	T10S-R21E-17-SENW T09S-R21E-24-NWNW
TUO149076	- +4- 115-2-116-2-116-116-116-116-116-116-116-116	NBU 301-24E	700' FSL 2450' FEL	T09S-R21E-24-NWNW
TUO1791		NBU 302-09E	1899' FSL 912' FWL	A STATE OF THE PARTY OF THE PAR
TUO575		NBU 304-18E	782' FSL 1783' FEL	T10S-R21E-09-NWSW
TUO149767		NBU 305-07E	The same of the sa	T09S-R21E-18-SWSE
TUO581		NBU 306-18E	1670' FNL 1950' FWL	T09S-R21E-07-NENW
TUO1791		NBU 307-06E	1604' FSL 2797' FWL	T09S-R21E-18-NESW
TUO284	- 11-11-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1	NBU 308-20E	1979' FSL 2000' FEL	T10S-R21E-06-NWSE
TUO575		NBU 309-20E	1503' FSL 954' FWL	T09S-R22E-20-NWSW
TUO149075			930' FNL 667' FEL	T09S-R21E-20-NENE
TUO581	CONTRACT TO THE PROPERTY OF TH	NBU 311-23E	1101' FSL 1978' FEL	T09S-R21E-23-SWSE
TUO141315		NBU 313-29E	1000' FNL 660' FEL	T09S-R21E-29-NENE
UO575	and the second s	NBU 314-03E	1045' FSL 2584' FWL	T09S-R21E-03-SESW
	a realise management and make a second and a	NBU 316-17E	1935' FNL 1067' FWL	T09S-R21E-17-SWNW
UO144868B		NBU 317-12E	867' FNL 701' FEL	T09S-R20E-12-NENE
UO2270A		NBU 319-17E	807' FNL 990' FWL	T10S-R21E-17-NWNW
TUO1188	The state of the s	NBU 321-10E	940' FSL 2508' FWL	T09S-R21E-10-SESW
UO575B		NBU 325-08E	832' FSL 669' FWL	T09S-R21E-08-SWSW
UO1393B	-	NBU 326-04E	1906' FNL 695' FWL	T10S-R21E-04-SWNW
UO1393B		NBU 327-05E	1117' FNL 942' FEL	T10S-R21E-05-NENE (LOT 1
TU4485	THE RESIDENCE OF THE PROPERTY	NBU 328-13E	1766' FSL 1944' FWL	T10S-R20E-13-NESW
UO1207 ST	4304732229	NBU 329-29E	2490' FNL 949' FEL	T09S-R22E-29-SENE

Lease #	API#	Well Name	Footages	Legal Description
UTUO10954A	4304732147	NBU 331-35E	1531' FNL 1153' FEL	T09S-R22E-35-SENE
UTUO1791	4304732148	NBU 332-08E	955' FSL 2508' FEL	T10S-R21E-08-SWSE
ML21510	4304732518	NBU 333-02E	1951' FSL 2245' FWL	T09S-R21E-02-NESW
UTUO149075	4304732265	NBU 335-23E	1419' FNL 828' FEL	T09S-R21E-23-SENE
UTUO149076	4304732264	NBU 336-24E	2024' FNL 1958' FWL	T09S-R21E-24-SENW
UTUO284	4304732281	NBU 339-19E	1890' FSL 674' FWL	T09S-R22E-19-NWSW
UTUO284B	4304732327	NBU 340-20E	1326' FSL 2569' FEL	T09S-R22E-20-NWSE
UTUO1207 ST	4304733055	NBU 341-29E	307' FSL 898' FEL	T09S-R22E-29-SESE
UTUO10954A	4304732212	NBU 342-35E	918' FNL 2563' FEL	T09S-R22E-35-NWNE
JTUO1393B	4304739338	NBU 346-05E	2233' FSL 676' FEL	T10S-R21E-05-NESE
JTUO575B	4304732326	NBU 349-07E	1641' FNL 1036' FWL	T09S-R21E-07-SWNW
JTUO1188	4304732519	NBU 352-10E	1806' FSL 842' FWL	T09S-R21E-10-NWSW
JTUO581	4304732383	NBU 356-29E	1600' FNL 1980' FEL	T09S-R21E-29-SWNE
JTUO2270A	4304732388	NBU 358-01E	736' FSL 1941' FEL	T10S-R20E-01-SWSE
JTU4485	4304750032	NBU 359-13E	661' FSL 2149' FEL	T10S-R20E-13-SWSE
JTU4485	4304732387	NBU 360-13E	1998' FSL 775' FWL	T10S-R20E-13-NWSW
ML21510	4304733782	NBU 379-02E	1967' FSL 898' FWL	T09S-R21E-02-NWSW
JTUO575	4304733064	NBU 382-18E	2030' FSL 2172' FEL	T09S-R21E-18-NWSE
JTUO149075	4304735889	NBU 384-23E	491' FSL 929' FEL	T09S-R21E-23-SESE
JTUO149076		NBU 386-24E	450' FSL 1850' FWL	T09S-R21E-24-SESW
JTUO284	4304733057	NBU 388-19E	382' FSL 1847' FWL	T09S-R22E-19-SESW
JTUO1207 ST	4304733049	NBU 389-29E	2226' FSL 2166' FEL	T09S-R22E-29-NWSE
JTUO1393B	4304732835	NBU 390-04E	2577' FSL 1951' FWL	T10S-R21E-04-NESW
JTUO1393B	4304732988	NBU 391-05E	1215' FSL 2090' FEL	T10S-R21E-05-SWSE
JTUO1791	4304733783	NBU 392-06E	1926' FSL 611' FEL	T10S-R21E-06-NESE
JTU4485		NBU 393-13E	1850' FSL 2141' FEL	T10S-R20E-13-NWSE
JTU4485	4304733072	NBU 394-13E	725' FSL 2027' FWL	T10S-R20E-13-SESW
JTUO1188	4304732544	NBU 400-11E	1983' FSL 1321' FWL	T09S-R21E-11-NESW
JTUO581	4304734216	NBU 421-29E	1985 FNL, 972 FEL	T09S-R21E-29-SENE
JTUO581		NBU 422-29E	1980' FNL 785' FWL	T09S-R21E-29-SWNW
ITUO581	4304734206	NBU 423-30E	1980' FSL 660' FEL	T09S-R21E-30-NESE
1L3142		NBU 424-32E	744' FNL 773' FEL	T09S-R21E-32-NENE
ITUO2270A	THE PERSON NAMED IN COLUMN TWO IS NOT THE OWNER OF THE PERSON NAMED IN COLUMN TWO IS NOT THE OWNER OF THE PERSON NAMED IN COLUMN TWO IS NOT THE OWNER OF THE OWNER	NBU 428-07E	660' FSL 855' FWL	T10S-R21E-07-SWSW (LOT
TUO1791		NBU 431-09E	2599' FNL 662' FWL	T10S-R21E-09-SWNW
TUO2270A		NBU 434-17E	1799' FNL 2176' FWL	T10S-R21E-17-SENW
TUO2270A		NBU 435-17E	1837' FNL 571' FWL	T10S-R21E-17-SWNW
TUO2270A		NBU 436-18E	1644' FSL 748' FEL	T10S-R21E-18-NESE
TUO2270A		NBU 437-18E	322' FSL 748' FEL	T10S-R21E-18-SESE
IL22792		NBU 438-19E	661' FNL 1941' FEL	T10S-R21E-19-NWNE
IL22792		NBU 439-19E	2111' FNL 1980' FWL	T10S-R21E-19-SWNE
TUO10953	waterwater and the manufacture and the second secon	NBU 451-01E	1965' FSL 2132' FWL	T10S-R22E-01-NESW
IL22651		NBU 456-02E	493' FNL 1080' FWL	T10S-R22E-02-NWNW (Lot 4)
TUO141315	The second secon	NBU 481-03E	1490' FSL 556' FEL	T09S-R21E-03-NESE
TUO581		NBU 483-19E	1850' FSL 1980' FWL	T09S-R21E-19-NESW
TUO575	Appendix of the same of the sa	NBU 484-20E	350' FNL 823' FWL	T09S-R21E-20-NWNW
TUO2270A		NBU 486-07E	1895 FSL' 1834' FWL	T10S-R21E-07-NESW
TUO575B		NBU 489-07E	763' FSL 733' FWL	T09S-R21E-07-SWSW (Lot 4)
TUO2270A		NBU 497-01E	2091' FSL 894' FEL	T10S-R20E-01-NESE
TUO577A		NBU 506-23E	720' FNL 1818' FWL	T09S-R20E-23-NENW
TUO1791		NBU 508-08E	915' FSL 355' FEL	T10S-R21E-08-SESE
TUO1197A ST	CONTRACTOR OF THE PROPERTY OF	NBU 513-12EX	1850' FNL 2133' FWL	T10S-R22E-12-SENW
ΓUO2270A		NBU 516-12E	1950' FSL 1786' FEL	T10S-R20E-12-NWSE
ΓUO141315		NBU 519-03E	1749' FSL 798' FWL	T09S-R21E-03-NWSW
TUO575B		NBU 521-08E	2250' FSL 900' FWL	T09S-R21E-08-NWSW
ΓUO1188	ALINAMENT STATES OF STATES	NBU 522-10E	732' FSL 841' FEL	T09S-R21E-10-SESE
TUO2270A		NBU 523-12E	660' FSL 660' FEL	T10S-R20E-12-SESE
UO2270A		NBU 524-12E	841' FSL 1795' FEL	T10S-R20E-12-SWSE
TUO2270A	4304739722	NBU 529-07E	704' FNL 762' FWL	T10S-R21E-07-NWNW
TUO581	4304734639	NBU 534-18E	1885' FSL 115' FWL	T09S-R21E-18-NWSW
UO2270A	4304735200	NBU 535-17E	1893' FSL 580' FWL	T10S-R21E-17-NWSW
.22791	4304735252 N	NBU 536-18E	734' FSL 2293' FWL	T10S-R21E-18-SESW
UO2270A	Company of the Compan	NBU 537-18E	1880' FSL 1830' FEL	T10S-R21E-18-NWSE

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	in more communication in the first contributed and makes are about the communication of the c		North William San Balla A high an San Balla deire Annick (1881 and an Albert 1981) an San Balla Balla an Annick (1881 and an Albert 1981) an San Balla Balla an Annick (1881 and an Albert 1981) and an Annick	ment from the first of the control o
Lease #	API#	Well Name	Footages	Legal Description
UTUO284	4304735886	NBU 538-19E	1937' FSL 1833' FWL	T09S-R22E-19-NESW
UTUO149076	4304735887	NBU 539-24E	1870' FSL 477' FEL	T09S-R21E-24-NESE
UTUO10953	4304736280	NBU 546-01E	2036' FSL 699' FWL	T10S-R22E-01-NWSW
UTUO10953	4304736278	NBU 547-01E	749' FSL 598' FWL	T10S-R22E-01-SWSW
UTU474	4304737687	NBU 553-28E	767' FNL 753' FWL	T10S-R22E-28-NWNW
UTU474	4304737686	NBU 554-28E	2023' FNL 465' FWL	T10S-R22E-28-SWNW
ML22791	4304737685	NBU 555-18E	1984' FSL 1790' FWL	T10S-R21E-18-NESW
ML22791	4304737514	NBU 556-18E	1800' FSL 870' FWL	T10S-R21E-18-NWSW
ML22791	4304737513	NBU 557-18E	852' FSL 661' FWL	T10S-R21E-18-SWSW
UTUO2270A	4304737510	NBU 558-17E	748' FSL 611' FWL	T10S-R21E-17-SWSW
UTUO2278C	4304737509	NBU 559-17E	467' FSL 2065' FWL	T10S-R21E-17-SESW
UTUO2278	4304737508	NBU 560-17E	1946' FSL 1896' FWL	T10S-R21E-17-NESW
UTUO2278		NBU 561-17E	857' FSL 1988' FEL	T10S-R21E-17-SWSE
ML22792	4304737536	NBU 562-19E	859' FNL 859' FEL	T10S-R21E-19-NENE
ML22792	4304737537	NBU 563-19E	1982' FSL 1878' FEL	T10S-R21E-19-NWSE
UTU4476	4304738962	NBU 564-26E	665' FNL 1945' FWL	T10S-R20E-26-NENW
ML22793	4304737533	NBU 565-30E	1865' FNL 1786' FEL	T10S-R21E-30-SWNE
UTUO2270A	4304738375	NBU 566-17E	538' FNL 1806' FWL	T10S-R21E-17-NENW
UTUO1791	4304738535	NBU 567-17E	690' FNL 1988' FEL	T10S-R21E-17-NWNE
UTUO1791	4304738537	NBU 568-17E	850' FNL 807' FEL	T10S-R21E-17-NENE
UTUO1791	4304738534	NBU 569-17E	2009' FNL 1809' FEL	T10S-R21E-17-SWNE
UTUO1791		NBU 570-17E	2031' FNL 672' FEL	T10S-R21E-17-SENE
UTUO2278	4304738377	NBU 571-17E	1964' FSL 1831' FEL	T10S-R21E-17-NWSE
UTUO2278	the state of the s	NBU 572-17E	1810' FSL 739' FEL	T10S-R21E-17-NESE
UTUO2278	and the separate and the second secon	NBU 573-17E	813' FSL 481' FEL	T10S-R21E-17-SESE
ML22650	4304739308	NBU 602-36E	1723' FNL 719' FWL	T09S-R22E-36-SWNW
UTUO1393B		NBU 614-05E	716' FNL 1967' FEL	T10S-R21E-05-NWNE
UTUO1393B		NBU 615-05E	2384' FNL 1015' FEL	T10S-R21E-05-SENE
UTUO1393B		NBU 617-04E	933' FNL 745' FWL	T10S-R21E-04-NWNW
UTUO1393B		NBU 618-04E	998' FSL 661' FWL	T10S-R21E-04-SWSW
UTUO1393B		NBU 625-04E	1937' FNL 1722' FWL	T10S-R21E-04-SENW
UO01197A ST		NBU 632-12E	860' FNL 2032' FWL	T10S-R22E-12-NENW
UO01197A ST	CONTRACTOR OF THE PARTY OF THE	NBU 633-12E	789' FNL 2179' FEL	T10S-R22E-12-NWNE
UO01197A ST		NBU 635-12E	1808' FNL 1754' FEL	T10S-R22E-12-SWNE
UTUO1197A ST		NBU 636-12E	1824' FNL 461' FEL	T10S-R22E-12-SENE
UTUO8512 ST		NBU 638-13E	1926' FNL 2504' FWL	T10S-R22E-13-SENW
UTUO8512 ST UTUO8512 ST		NBU 639-13E	859' FNL 1902' FEL	T10S-R22E-13-NWNE
UTUO8512 ST		NBU 640-13E NBU 641-13E	1619' FNL 1639' FEL	T10S-R22E-13-SWNE
UTUO8512 ST		NBU 642-13E	990' FNL 1184' FEL	T10S-R22E-13-NENE
UTUO2270A		NBU 653-07E	1949' FNL 858' FEL 660' FNL 1980' FWL	T10S-R22E-13-SENE T10S-R21E-07-NENW
UTUO2270A	and the second s	NBU 654-07E	1913' FNL 522' FWL	T10S-R21E-07-NENW
UTUO2270A		NBU 655-07E	1926' FSL 750' FWL	T103-R21E-07-SWNW
UTUO1791	e a construction de la company	NBU 658-01E	2177' FNL 1784' FEL	T10S-R21E-07-NWSW
UTUO2270A		NBU 660-12E	661' FNL 691' FEL	T103-R20E-01-3VNE
VIL22790		NBU 661-24E	1734' FSL 661' FWL	T10S-R20E-24-NWSW
VIL22790		NBU 662-24E	809' FSL 807' FWL	T10S-R20E-24-NVSW
VIL22790 VIL22790		NBU 663-24E	810' FSL 1979' FWL	T103-R20E-24-SVSW
ML22790		NBU 664-24E	1810' FNL 1781' FEL	T103-R20E-24-SESW
ML22790	The same that th	NBU 665-24E	1950' FSL 660' FEL	T103-R20E-24-NV3E
ML22790	~	NBU 666-24E	1043' FSL 1722' FEL	T10S-R20E-24-SWSE
ML22790	The state of the s	NBU 667-24E	660' FSL 660' FEL	T10S-R20E-24-SESE
JTUO2270A		NBU 668-12E	859' FNL 1915' FEL	T105-R20E-12-NWNE
JO1207 ST		NBU 670-29E	2018' FSL 859' FEL	T09S-R22E-29-NESE
JO1207 ST		NBU 691-29E	680' FNL 797' FEL	T09S-R22E-29-NENE
VIL3140.5		NBU 760-36E	1320' FNL 1320' FEL	T09S-R20E-36-NENE
JTU4476	en sterif best transcription and the second contract of the second c	NBU 762-26E	1506' FNL 1449' FEL	T10S-R20E-26-SWNE
/IL22792		NBU 763-19E	1258' FSL 1388' FEL	T10S-R21E-19-SWSE
/IL3142	- of a comment with the second	NBU 764-32E	875' FNL 667' FWL	T09S-R21E-32-NWNW
JTUO1791	COLONIA COLONIA COLONIA DE CONTRA DE	NBU 765-09E	1000' FSL 1640' FWL	T10S-R21E-09-SESW

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DEC 2 4 2009

Sundry Number: 20021 API Well Number: 43047341950000

			FORM 9
	STATE OF UTAH		TORM 9
	DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINI	NG	5.LEASE DESIGNATION AND SERIAL NUMBER: U-02270-A
SUNDF	RY NOTICES AND REPORTS O	N WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.			7.UNIT or CA AGREEMENT NAME: NATURAL BUTTES
1. TYPE OF WELL Gas Well	8. WELL NAME and NUMBER: NBU 436-18E		
2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONS	HORE, L.P.		9. API NUMBER: 43047341950000
<b>3. ADDRESS OF OPERATOR:</b> P.O. Box 173779 1099 18th S	PHONE treet, Suite 600, Denver, CO, 80217 3779	<b>NUMBER:</b> 720 929-6515 Ext	9. FIELD and POOL or WILDCAT: NATURAL BUTTES
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1644 FSL 0748 FEL			COUNTY: UINTAH
QTR/QTR, SECTION, TOWNSHI Qtr/Qtr: NESE Section: 18	IP, RANGE, MERIDIAN: Township: 10.0S Range: 21.0E Meridian: S		STATE: UTAH
11. CHE	CK APPROPRIATE BOXES TO INDICATE	NATURE OF NOTICE, REPORT,	OR OTHER DATA
TYPE OF SUBMISSION		TYPE OF ACTION	
	ACIDIZE	ALTER CASING	CASING REPAIR
☐ NOTICE OF INTENT	CHANGE TO PREVIOUS PLANS	CHANGE TUBING	☐ CHANGE WELL NAME
Approximate date work will start:	☐ CHANGE WELL STATUS	COMMINGLE PRODUCING FORMATIONS	CONVERT WELL TYPE
✓ SUBSEQUENT REPORT	oximate date work will start:  CHANGE WELL STATUS  COMMINGLE PRODUCING FORMATIONS	□ NEW CONSTRUCTION	
		□ PLUG BACK	
	✓ PRODUCTION START OR RESUME	FRACTURE TREAT	RECOMPLETE DIFFERENT FORMATION
SPUD REPORT Date of Spud:	_	_	
	☐ REPERFORATE CURRENT FORMATION ☐	SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
DRILLING REPORT	☐ TUBING REPAIR	VENT OR FLARE	☐ WATER DISPOSAL
Report Date:	☐ WATER SHUTOFF	SI TA STATUS EXTENSION	APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	OTHER	OTHER:
	MPLETED OPERATIONS. Clearly show all pertin		rolumes, etc.
			accepted by the
			Jtah Division of
			, Gas and Mining
		FOR	RECORD ONLY
NAME (PLEASE PRINT) Sheila Wopsock	<b>PHONE NUMBER</b> 435 781-7024	TITLE Regulatory Analyst	
SIGNATURE N/A		<b>DATE</b> 11/3/2011	
,		-1/5/2011	

Sundry Number: 20021 API Well Number: 43047341950000

			FORM 9
	STATE OF UTAH		TORM 9
	DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINI	NG	5.LEASE DESIGNATION AND SERIAL NUMBER: U-02270-A
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		□ PLUG BACK	
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Report Date:	☐ WATER SHUTOFF	SI TA STATUS EXTENSION	APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	OTHER	OTHER:
	MPLETED OPERATIONS. Clearly show all pertin		rolumes, etc.
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NAME (PLEASE PRINT) Sheila Wopsock	<b>PHONE NUMBER</b> 435 781-7024	TITLE Regulatory Analyst	
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,		-1/5/2011	